

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
 Data File : BN030781.D
 Acq On : 08 Apr 2024 22:39
 Operator : MA/JU
 Sample : PB160073BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160073BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:27:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.682	152	6208	0.400	ng	-0.02
7) Naphthalene-d8	10.464	136	19279	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	12177	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	30448	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	26720	0.400	ng	-0.02
35) Perylene-d12	23.504	264	22488	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.285	112	5926	0.438	ng	-0.01
5) Phenol-d6	6.859	99	6542	0.376	ng	-0.01
8) Nitrobenzene-d5	8.830	82	4083	0.301	ng	-0.02
11) 2-Methylnaphthalene-d10	12.058	152	11050m	0.375	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1831	0.398	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	13984	0.297	ng	-0.02
27) Fluoranthene-d10	19.108	212	25503	0.311	ng	-0.02
31) Terphenyl-d14	19.711	244	21252	0.344	ng	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.219	88	2285	0.305	ng	# 29
3) n-Nitrosodimethylamine	3.530	42	1940	0.268	ng	# 88
6) bis(2-Chloroethyl)ether	7.119	93	5478	0.319	ng	96
9) Naphthalene	10.517	128	16438	0.308	ng	100
10) Hexachlorobutadiene	10.795	225	3133	0.287	ng	# 99
12) 2-Methylnaphthalene	12.134	142	10935	0.312	ng	100
16) Acenaphthylene	14.038	152	16057	0.291	ng	99
17) Acenaphthene	14.381	154	10991	0.288	ng	99
18) Fluorene	15.375	166	15375	0.309	ng	100
20) 4,6-Dinitro-2-methylph...	15.460	198	820	0.347	ng	# 90
21) 4-Bromophenyl-phenylether	16.271	248	4966	0.270	ng	# 79
22) Hexachlorobenzene	16.370	284	6124	0.279	ng	99
23) Atrazine	16.556	200	3289	0.246	ng	99
24) Pentachlorophenol	16.718	266	1763	0.366	ng	98
25) Phenanthrene	17.115	178	27239	0.302	ng	97
26) Anthracene	17.202	178	21470	0.283	ng	99
28) Fluoranthene	19.135	202	31661	0.295	ng	100
30) Pyrene	19.502	202	34834	0.333	ng	100
32) Benzo(a)anthracene	21.249	228	28196	0.298	ng	99
33) Chrysene	21.303	228	29613	0.292	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	14995	0.365	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.764	276	25068	0.252	ng	99
37) Benzo(b)fluoranthene	22.832	252	30216m	0.330	ng	
38) Benzo(k)fluoranthene	22.872	252	27782	0.303	ng	97
39) Benzo(a)pyrene	23.407	252	23118	0.316	ng	# 90
40) Dibenzo(a,h)anthracene	25.782	278	19414	0.246	ng	97
41) Benzo(g,h,i)perylene	26.454	276	21330	0.251	ng	99

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

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PB160073BS

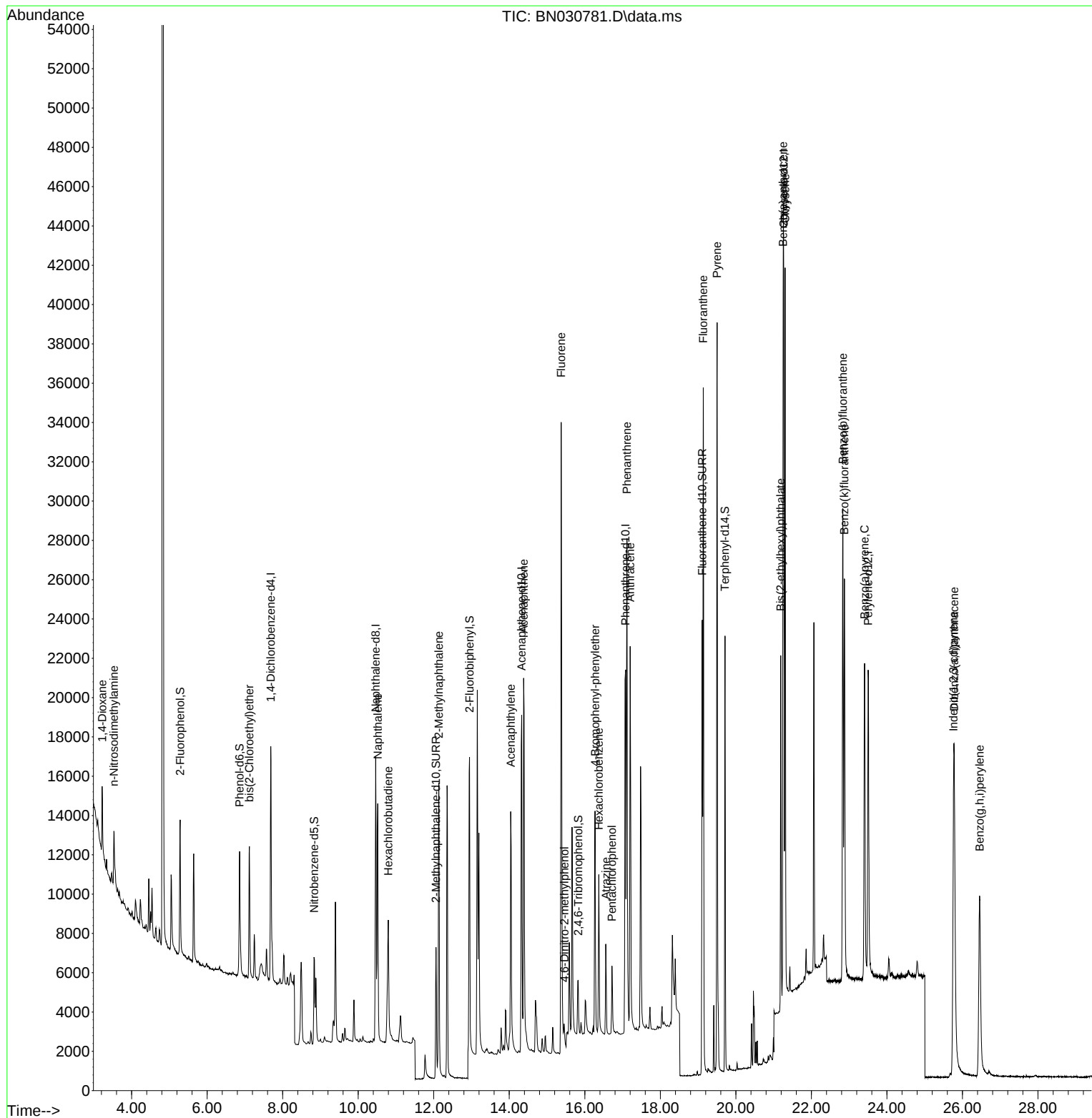
Manual Integrations

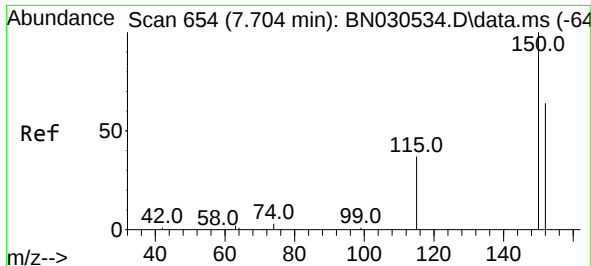
APPROVED

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Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:27:40 2024
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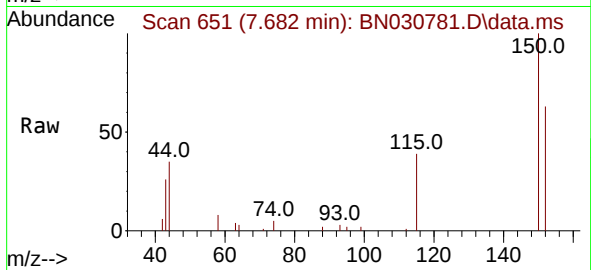
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.682 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN030781.D
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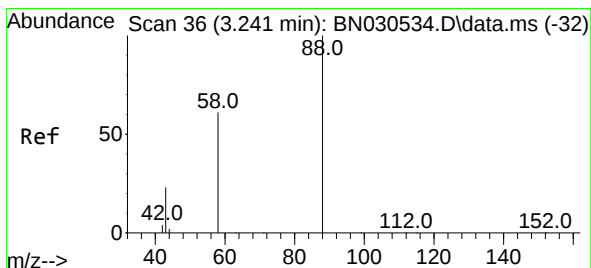
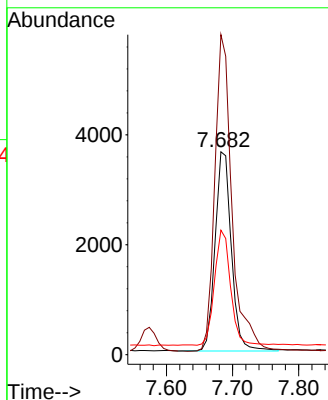
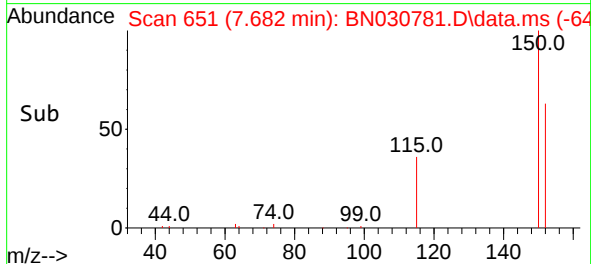
Tgt Ion:152 Resp: 6208
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.4
115 61.3 48.6 72.8

Manual Integrations

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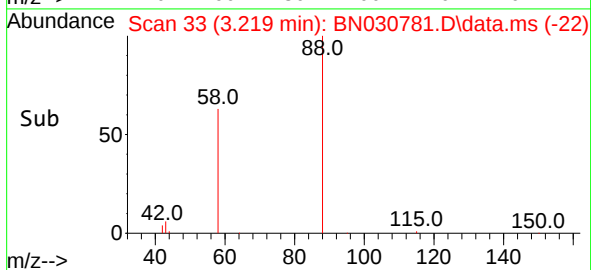
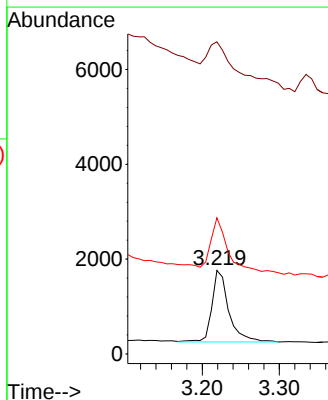
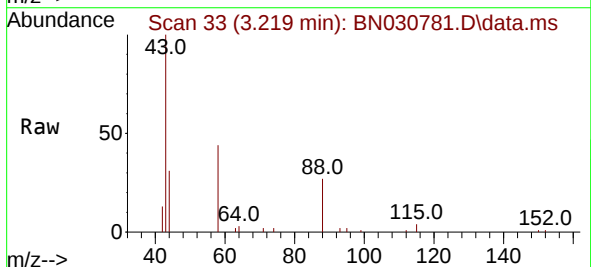
Reviewed By :Yogesh Patel 04/10/2024

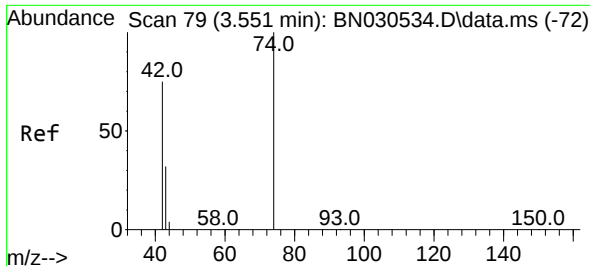
Supervised By :mohammad ahmed 04/10/2024



#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.022 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

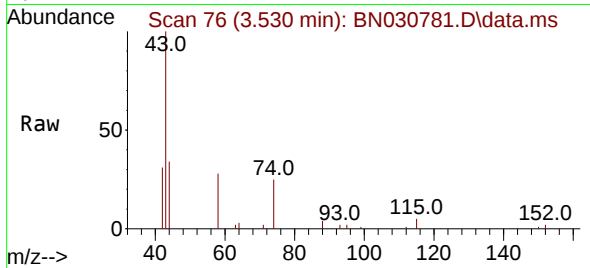
Tgt Ion: 88 Resp: 2285
Ion Ratio Lower Upper
88 100
43 121.6 21.9 32.9#
58 87.4 53.4 80.2#





#3
n-Nitrosodimethylamine
Concen: 0.268 ng
RT: 3.530 min Scan# 70
Delta R.T. -0.022 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

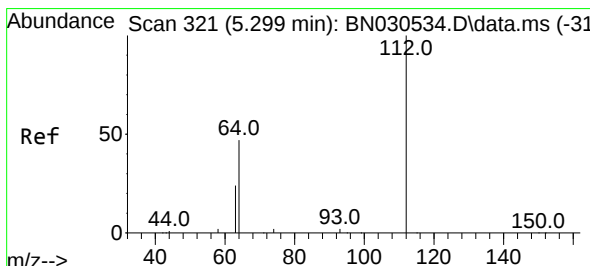
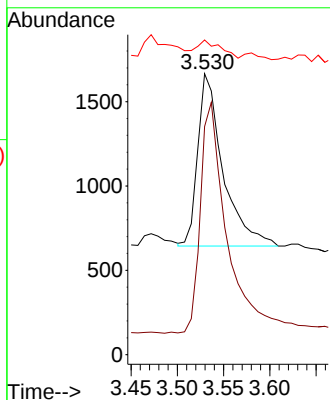
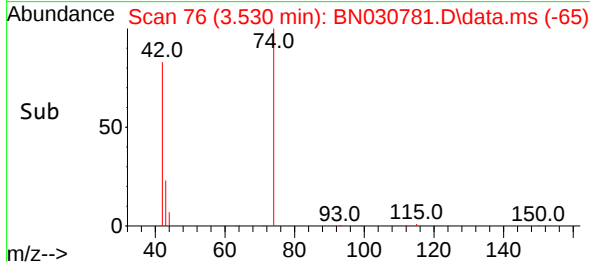
Instrument :
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PB160073BS



Tgt Ion: 42 Resp: 1940
Ion Ratio Lower Upper
42 100
74 140.2 100.9 151.3
44 10.4 5.8 8.6

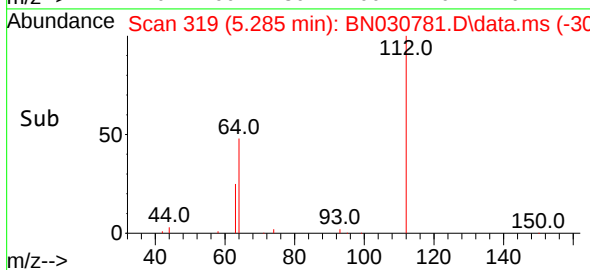
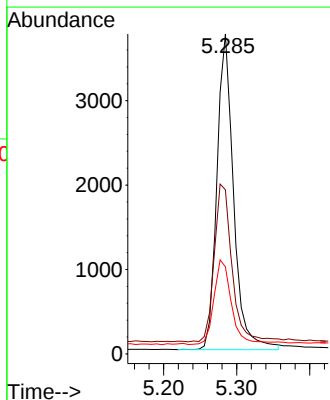
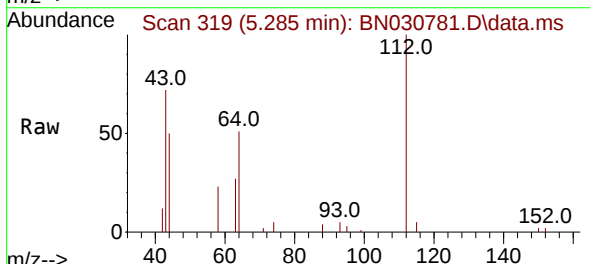
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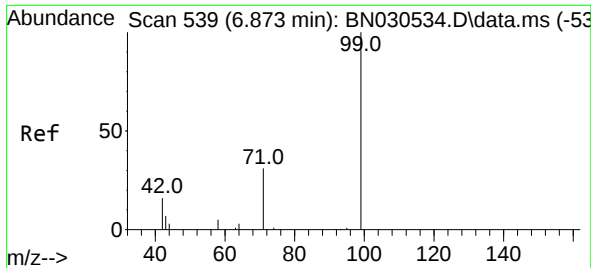
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.285 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:112 Resp: 5926
Ion Ratio Lower Upper
112 100
64 53.2 43.2 64.8
63 28.5 22.5 33.7





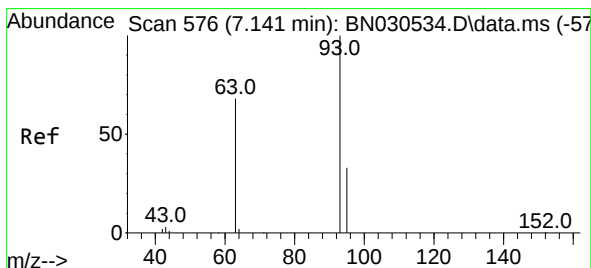
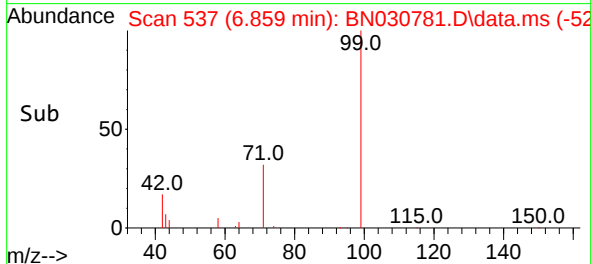
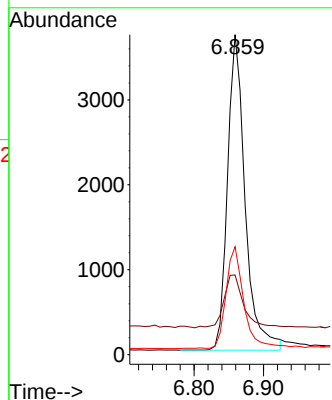
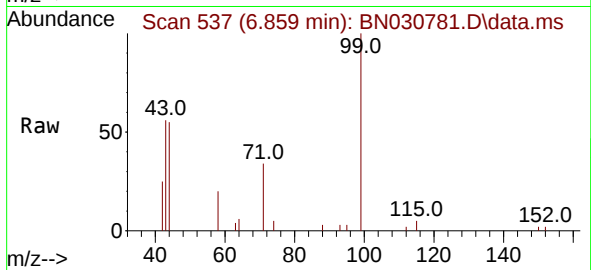
#5
Phenol-d6
Concen: 0.376 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

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BNA_N
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PB160073BS

Tgt Ion: 99 Resp: 6542
Ion Ratio Lower Upper
99 100
42 18.7 15.8 23.6
71 32.7 25.9 38.9

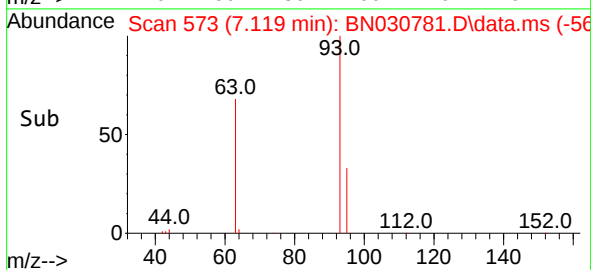
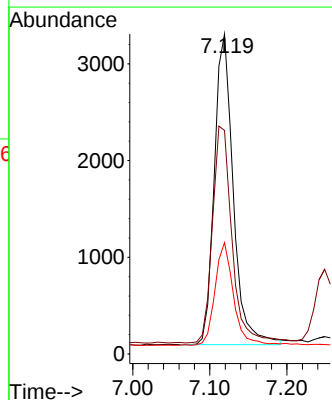
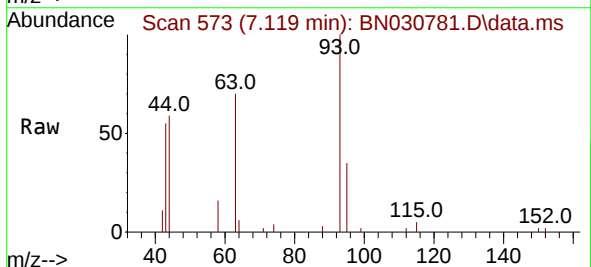
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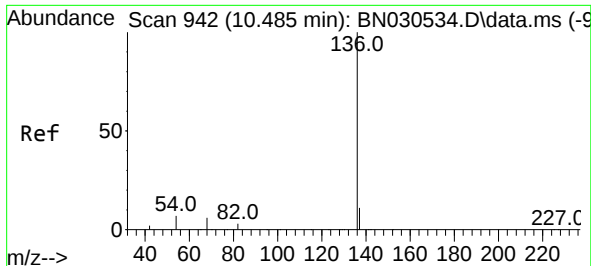
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.319 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion: 93 Resp: 5478
Ion Ratio Lower Upper
93 100
63 71.7 60.5 90.7
95 32.3 27.5 41.3





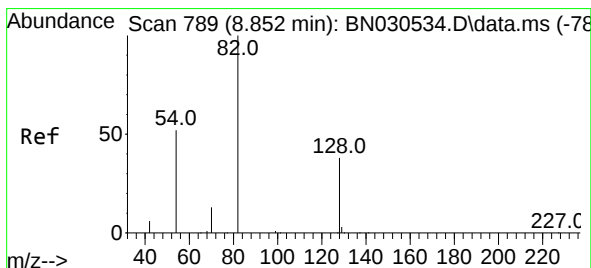
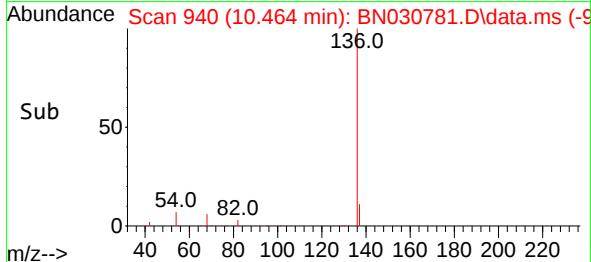
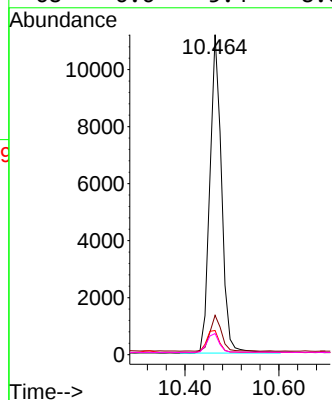
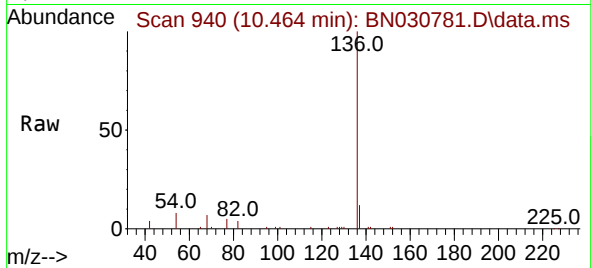
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 942
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :
BNA_N
ClientSampleId :
PB160073BS

Tgt Ion:136	Resp:	19279
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.1 13.7
54	7.6	6.4 9.6
68	6.6	5.4 8.0

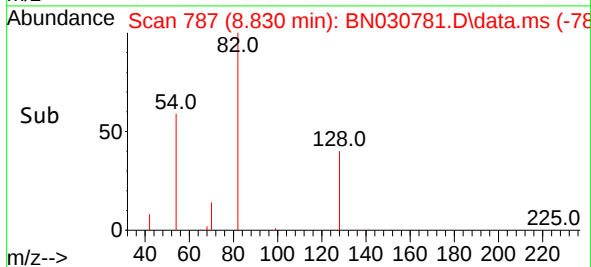
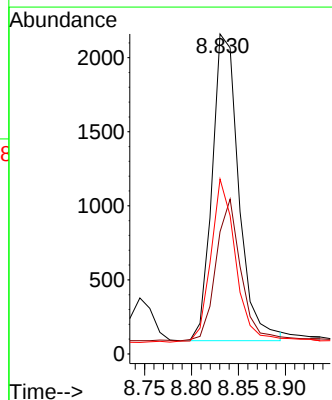
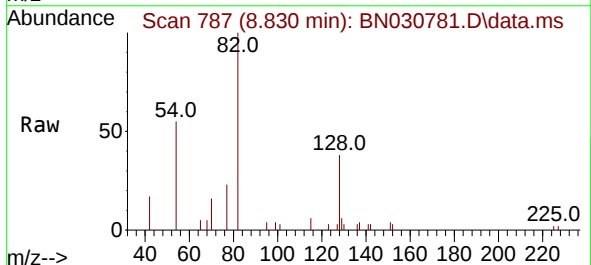
Manual Integrations
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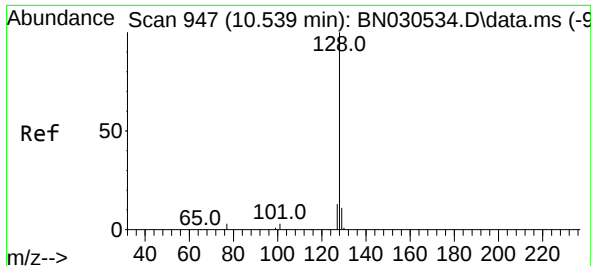
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.830 min Scan# 787
Delta R.T. -0.021 min
Lab File: BN030781.D
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Tgt Ion: 82	Resp:	4083
Ion Ratio	Lower	Upper
82	100	
128	38.2	32.3 48.5
54	54.6	42.7 64.1





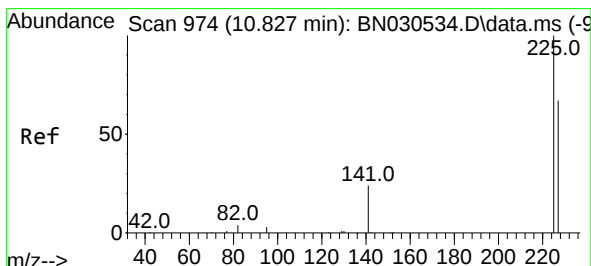
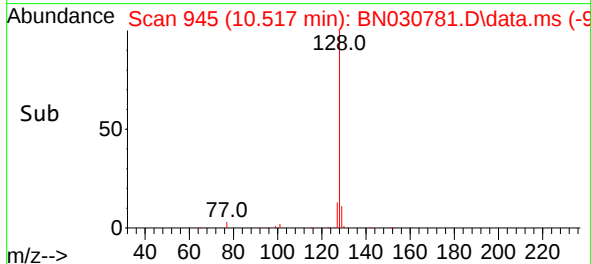
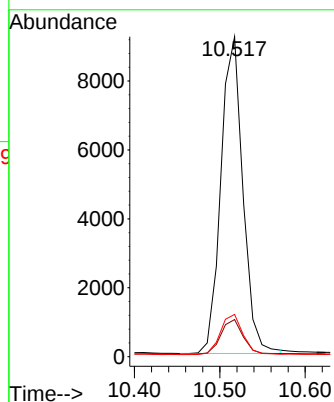
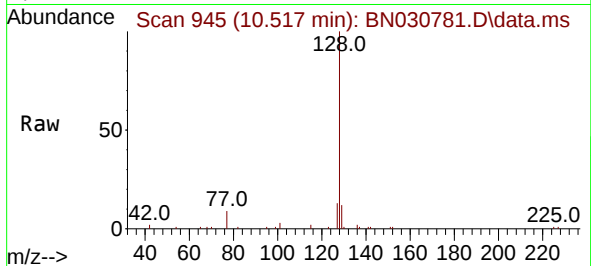
#9
Naphthalene
Concen: 0.308 ng
RT: 10.517 min Scan# 945
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :
BNA_N
ClientSampleId :
PB160073BS

Tgt Ion:128 Resp: 16438
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.2 10.5 15.7

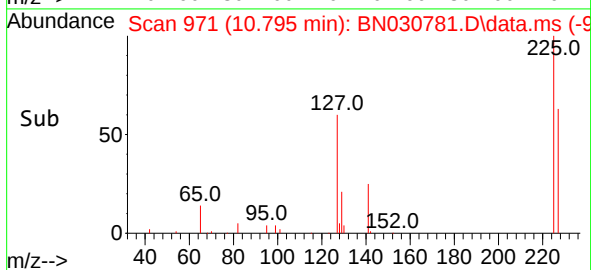
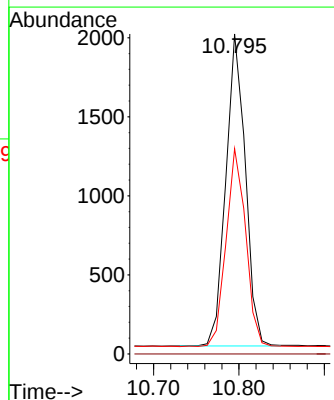
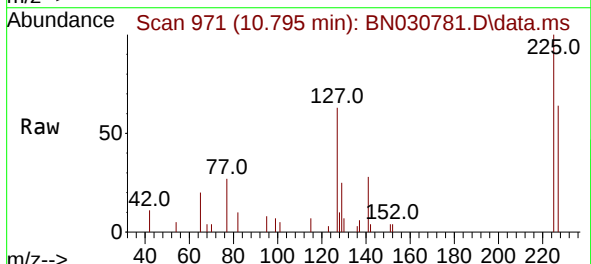
Manual Integrations
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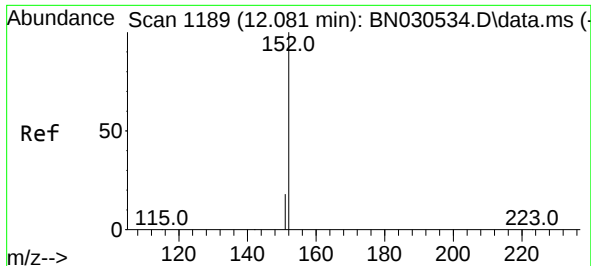
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#10
Hexachlorobutadiene
Concen: 0.287 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

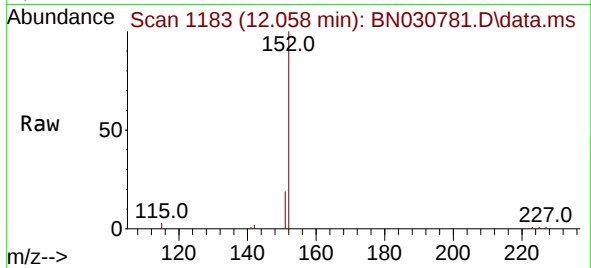
Tgt Ion:225 Resp: 3133
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.4 77.2





#11
2-Methylnaphthalene-d10
Concen: 0.375 ng m
RT: 12.058 min Scan# 1189
Delta R.T. -0.023 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

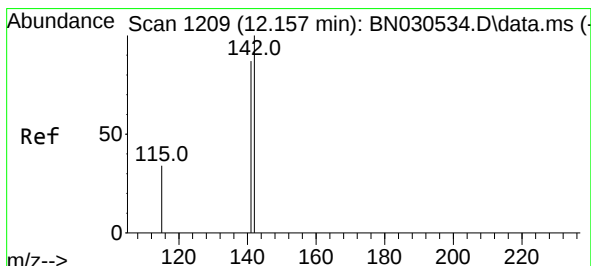
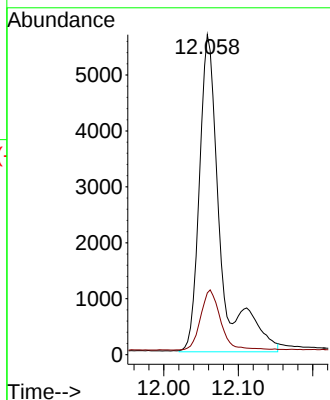
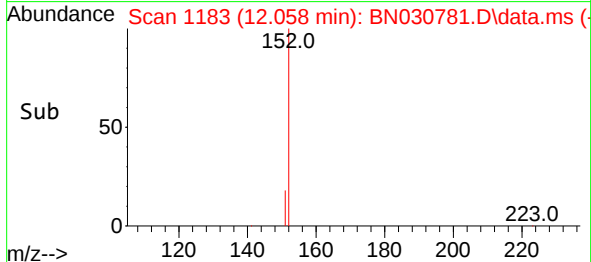
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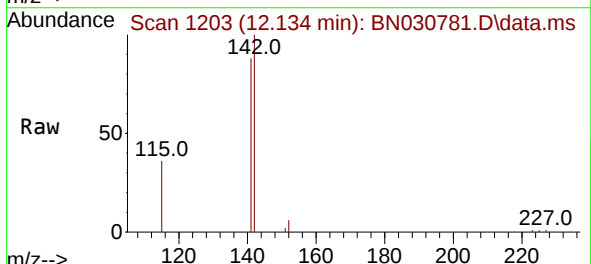
Tgt Ion:152 Resp: 11050
Ion Ratio Lower Upper
152 100
151 18.1 16.7 25.1

Manual Integrations
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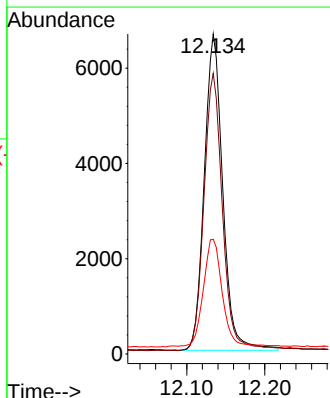
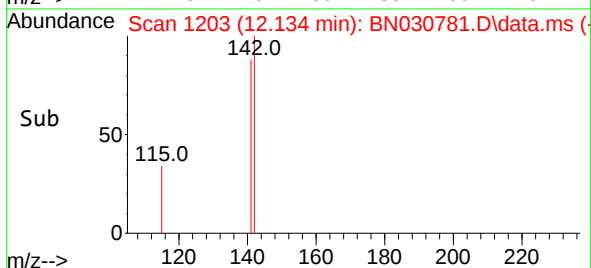
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

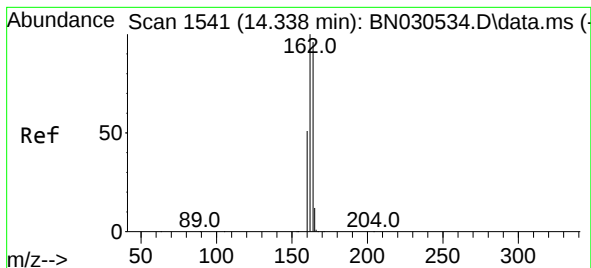


#12
2-Methylnaphthalene
Concen: 0.312 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39



Tgt Ion:142 Resp: 10935
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8
115 35.8 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.327 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN030781.D

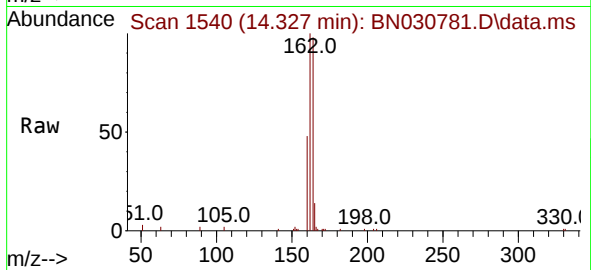
Acq: 08 Apr 2024 22:39

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Tgt Ion:164 Resp: 1217

Ion Ratio Lower Upper

164 100

162 102.4 83.5 125.3

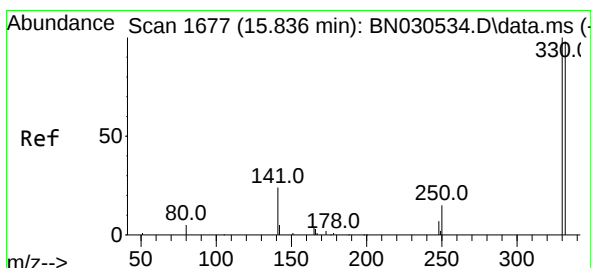
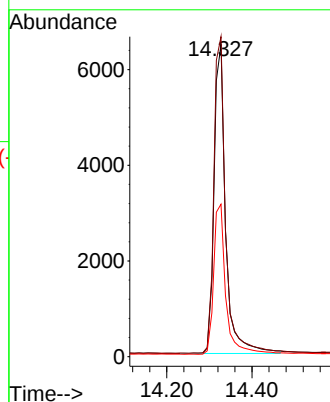
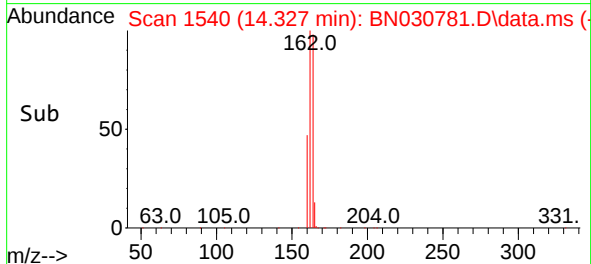
160 48.8 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#14

2,4,6-Tribromophenol

Concen: 0.398 ng

RT: 15.824 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BN030781.D

Acq: 08 Apr 2024 22:39

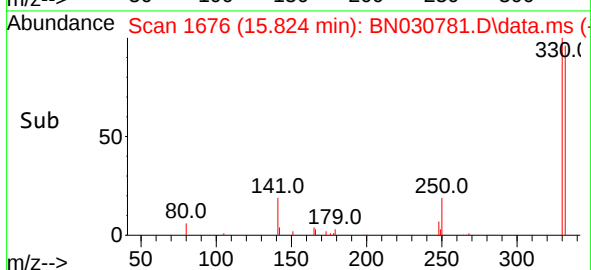
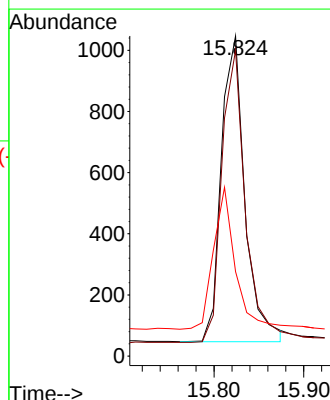
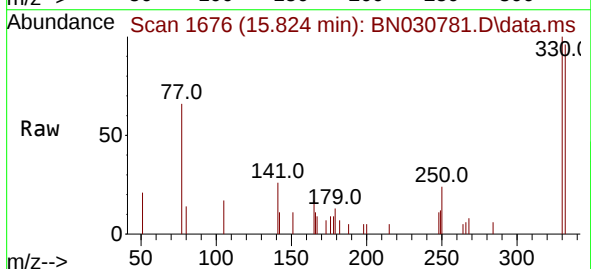
Tgt Ion:330 Resp: 1831

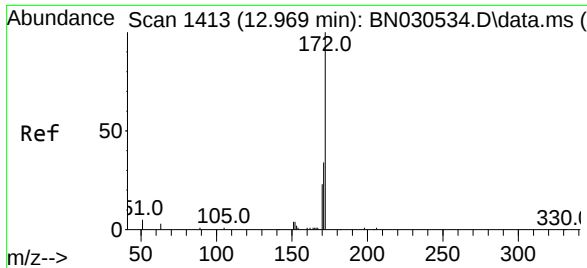
Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

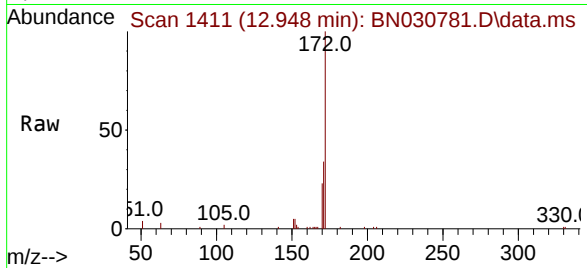
141 42.7 35.9 53.9





#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

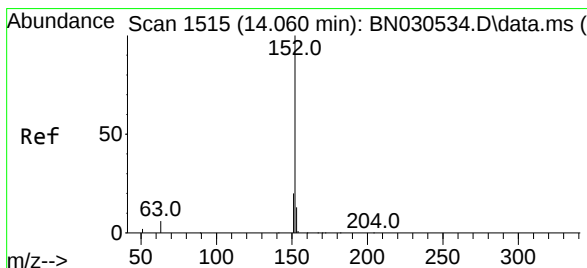
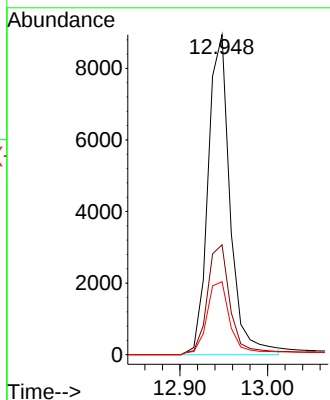
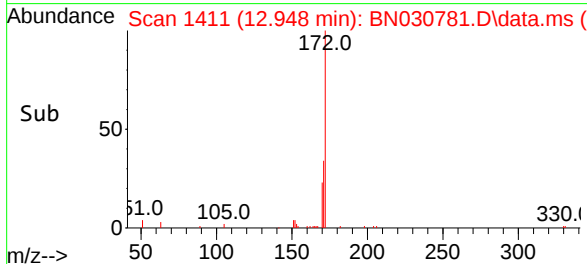
Instrument :
BNA_N
ClientSampleId :
PB160073BS



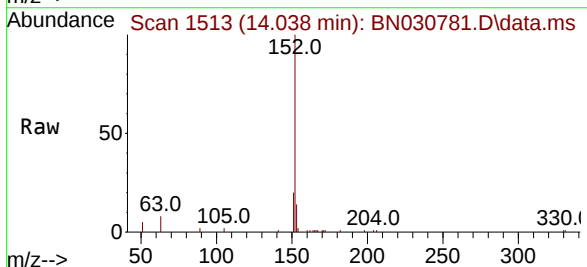
Tgt Ion:172 Resp: 13984
Ion Ratio Lower Upper
172 100
171 34.3 27.1 40.7
170 22.8 18.3 27.5

Manual Integrations
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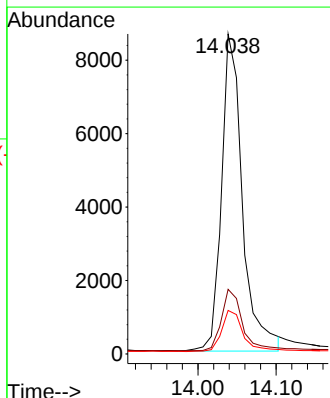
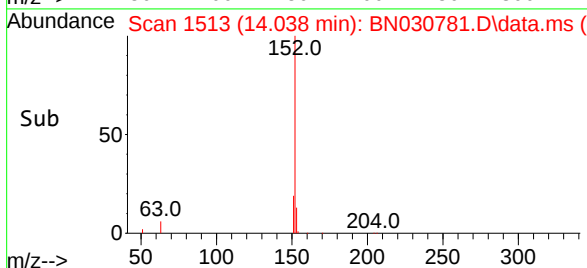
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

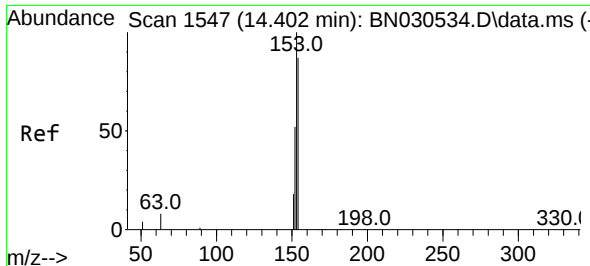


#16
Acenaphthylene
Concen: 0.291 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39



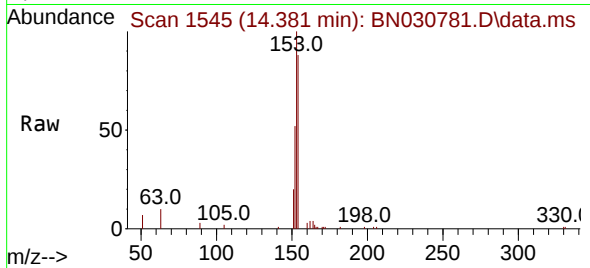
Tgt Ion:152 Resp: 16057
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.2 10.3 15.5





#17
Acenaphthene
Concen: 0.288 ng
RT: 14.381 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

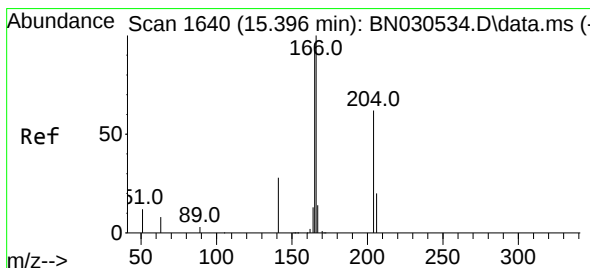
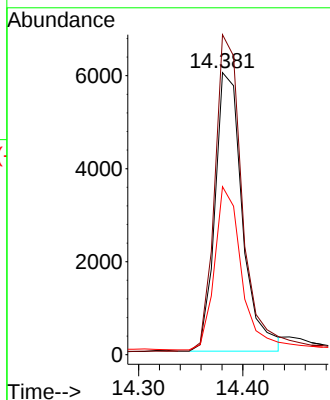
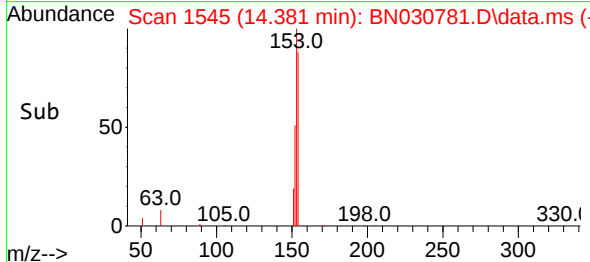
Instrument :
BNA_N
ClientSampleId :
PB160073BS



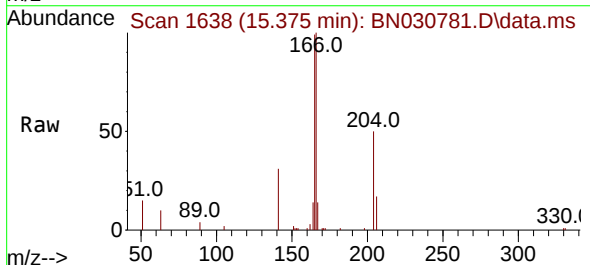
Tgt Ion:154 Resp: 1099
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.6
152 57.9 47.8 71.6

Manual Integrations
APPROVED

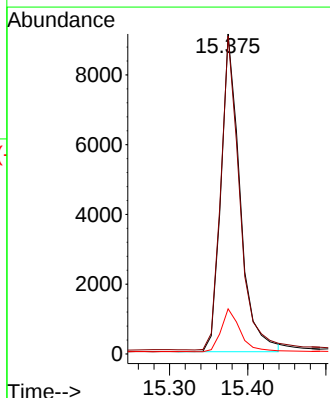
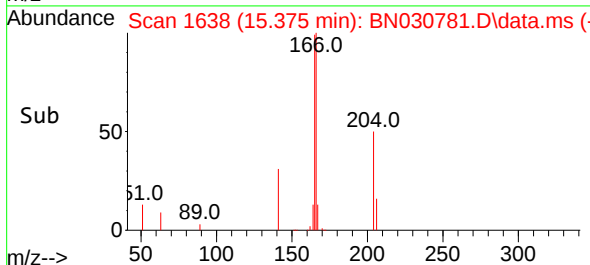
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

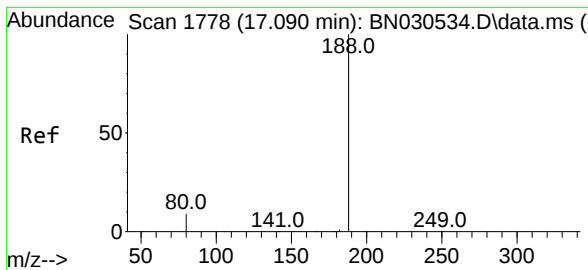


#18
Fluorene
Concen: 0.309 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39



Tgt Ion:166 Resp: 15375
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.4 10.8 16.2





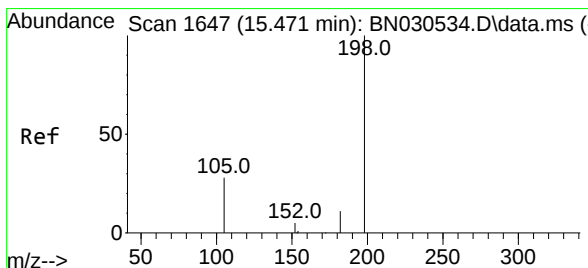
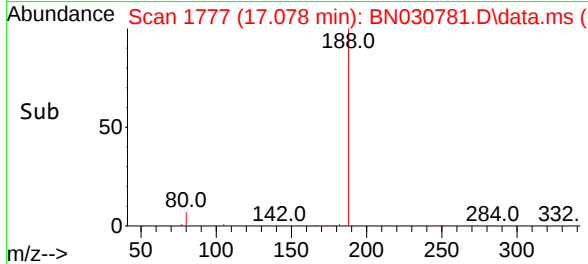
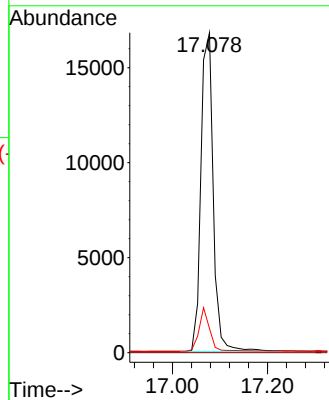
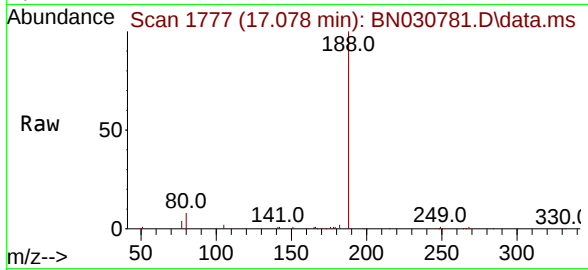
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :
BNA_N
ClientSampleId :
PB160073BS

Tgt Ion:188 Resp: 3044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.4 11.0

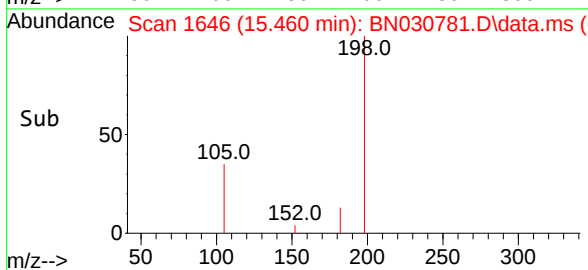
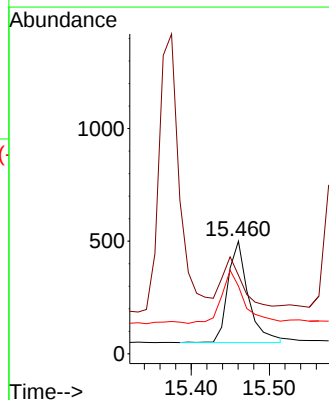
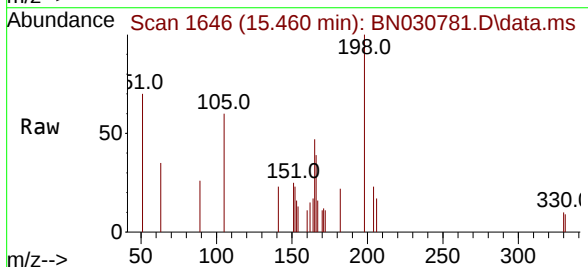
Manual Integrations
APPROVED

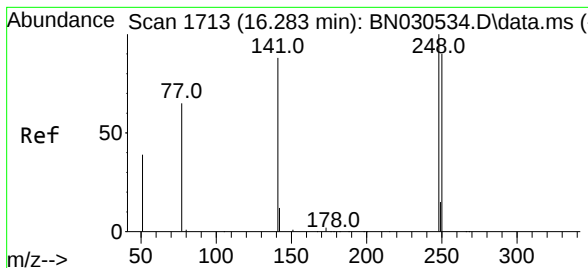
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.347 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:198 Resp: 820
Ion Ratio Lower Upper
198 100
51 69.8 57.8 86.6
105 60.2 37.5 56.3





#21
4-Bromophenyl-phenylether
Concen: 0.270 ng
RT: 16.271 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

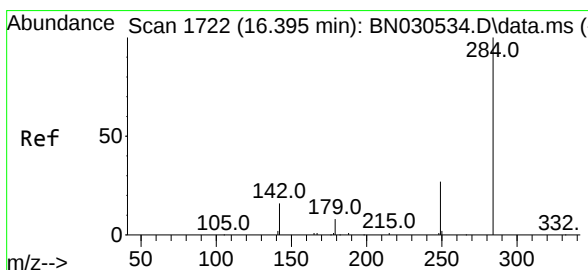
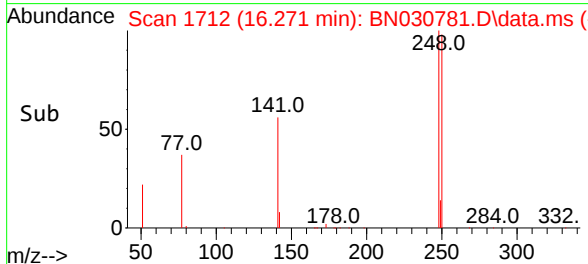
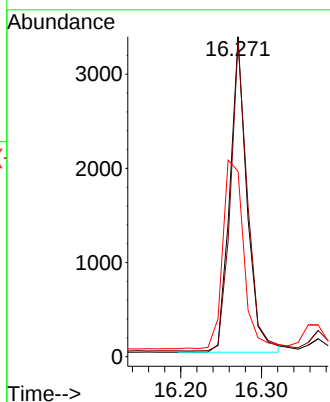
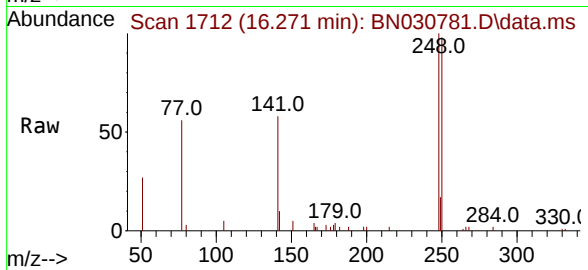
ClientSampleId :

PB160073BS

Tgt Ion:248 Resp: 4960
Ion Ratio Lower Upper
248 100
250 98.4 72.2 108.2
141 57.9 71.1 106.7

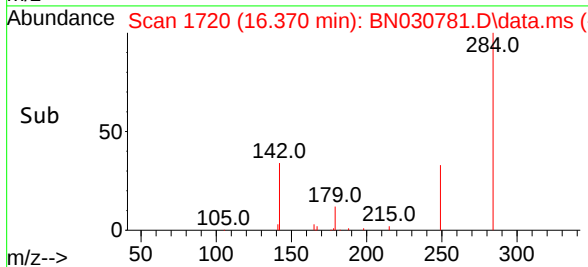
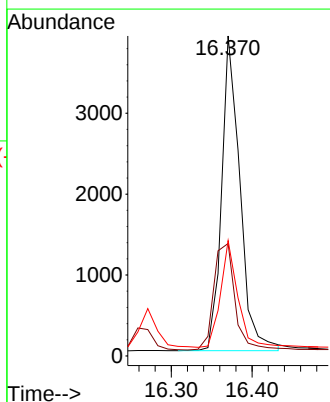
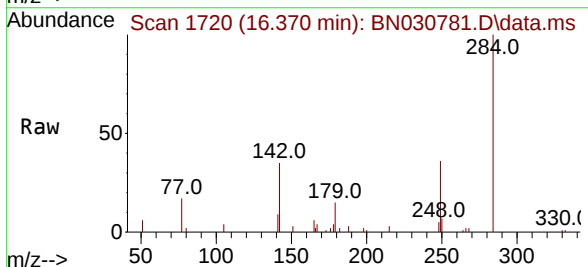
Manual Integrations
APPROVED

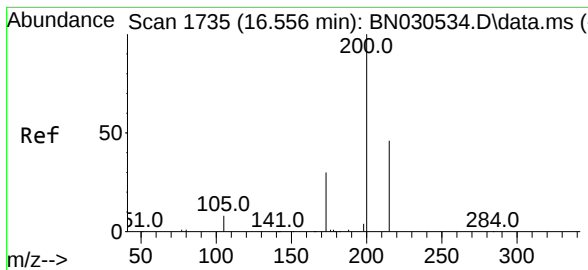
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#22
Hexachlorobenzene
Concen: 0.279 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:284 Resp: 6124
Ion Ratio Lower Upper
284 100
142 39.3 31.8 47.6
249 32.0 25.8 38.6





#23
Atrazine
 Concen: 0.246 ng
 RT: 16.556 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: BN030781.D
 Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

PB160073BS

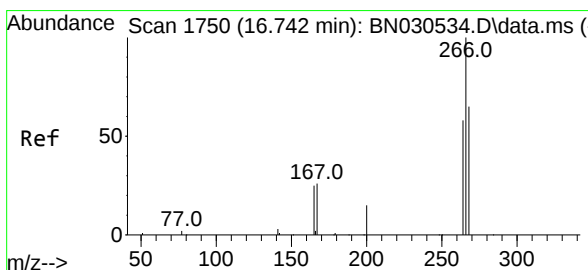
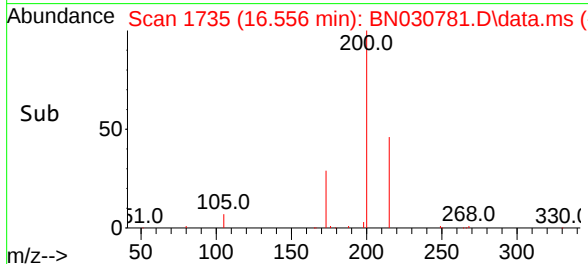
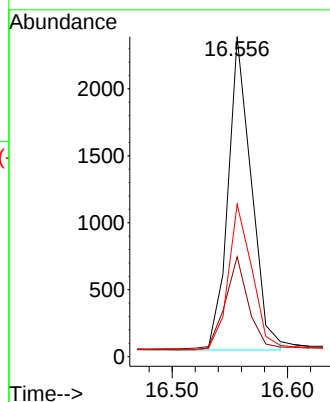
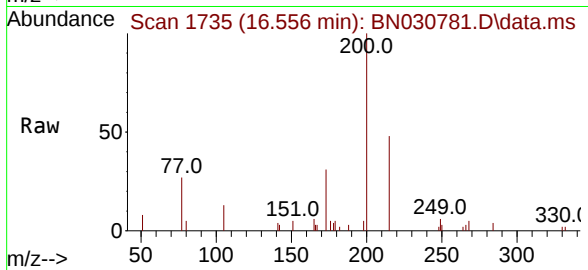
Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.2	25.0	37.6
215	47.6	37.4	56.2

Manual Integrations

APPROVED

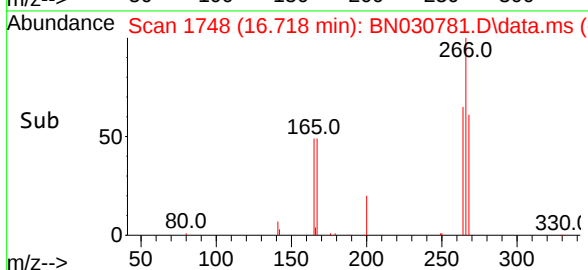
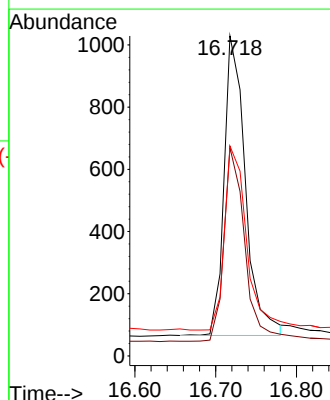
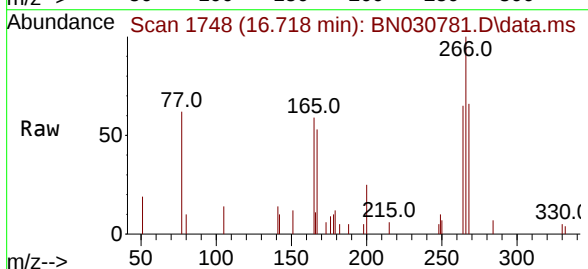
Reviewed By :Yogesh Patel 04/10/2024

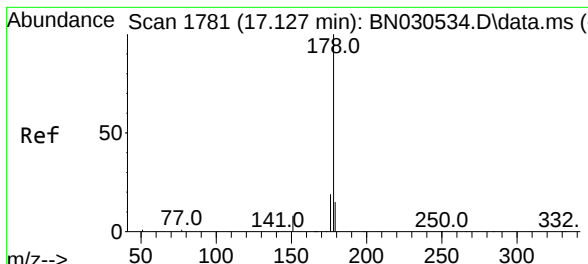
Supervised By :mohammad ahmed 04/10/2024



#24
Pentachlorophenol
 Concen: 0.366 ng
 RT: 16.718 min Scan# 1748
 Delta R.T. -0.024 min
 Lab File: BN030781.D
 Acq: 08 Apr 2024 22:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.7	73.1
268	63.9	49.5	74.3





#25
 Phenanthrene
 Concen: 0.302 ng
 RT: 17.115 min Scan# 1780
 Delta R.T. -0.012 min
 Lab File: BN030781.D
 Acq: 08 Apr 2024 22:39

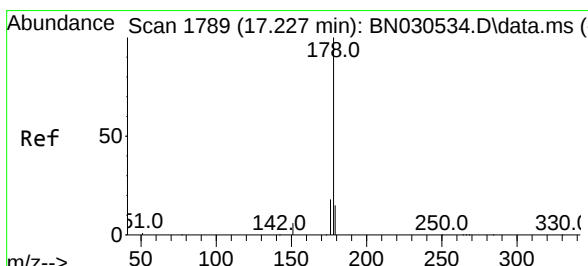
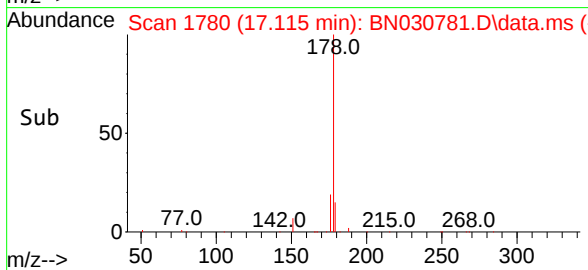
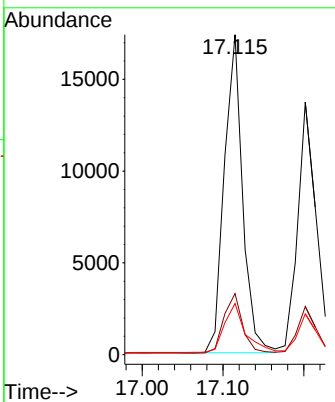
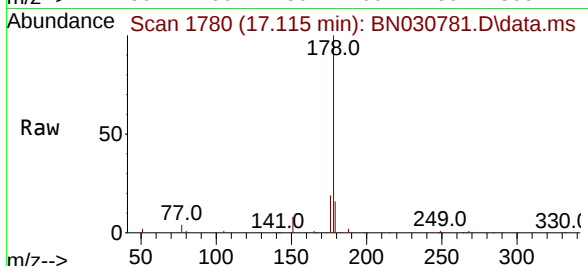
Instrument : BNA_N
 ClientSampleId : PB160073BS

Tgt Ion:178 Resp: 27239

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	17.6	12.4	18.6

Manual Integrations
 APPROVED

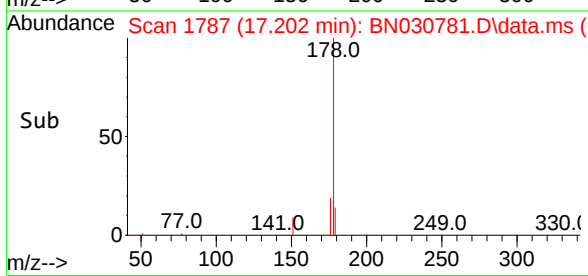
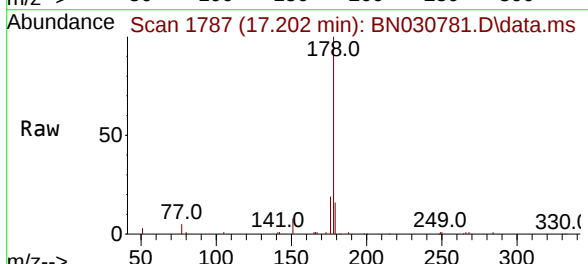
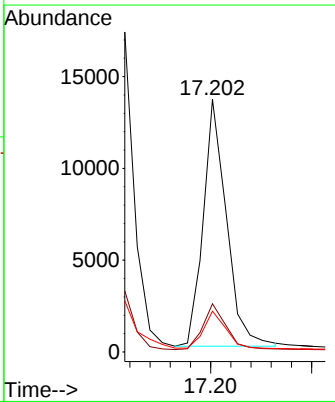
Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

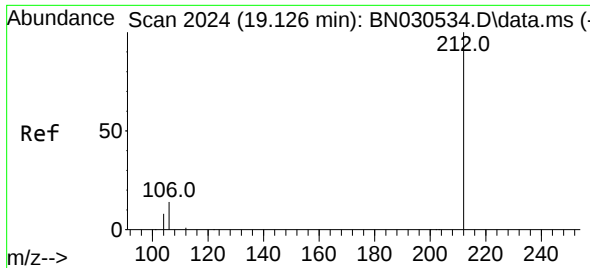


#26
 Anthracene
 Concen: 0.283 ng
 RT: 17.202 min Scan# 1787
 Delta R.T. -0.025 min
 Lab File: BN030781.D
 Acq: 08 Apr 2024 22:39

Tgt Ion:178 Resp: 21470

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.4	12.2	18.4





#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.108 min Scan# 20
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

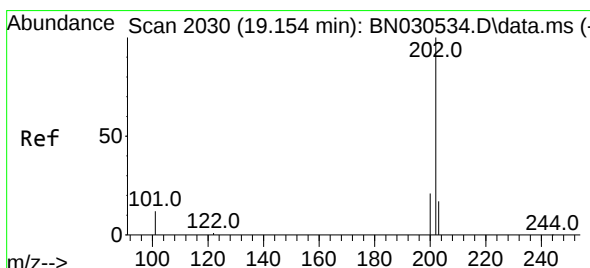
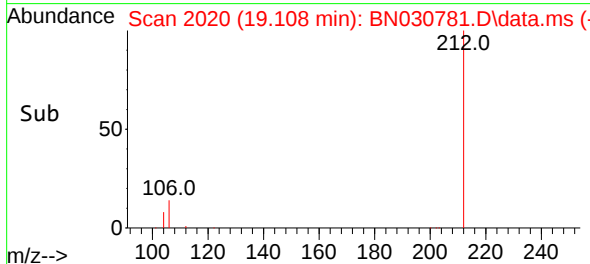
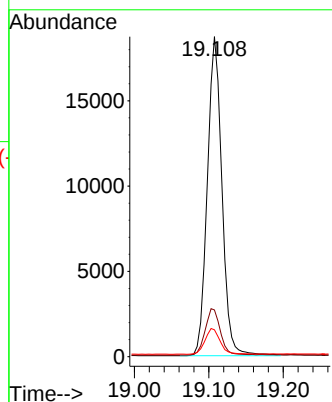
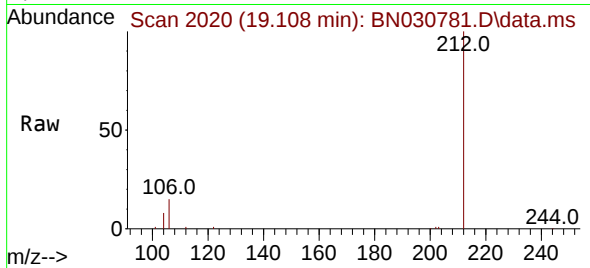
PB160073BS

Tgt Ion:212 Resp: 2550
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.3 6.6 9.8

Manual Integrations

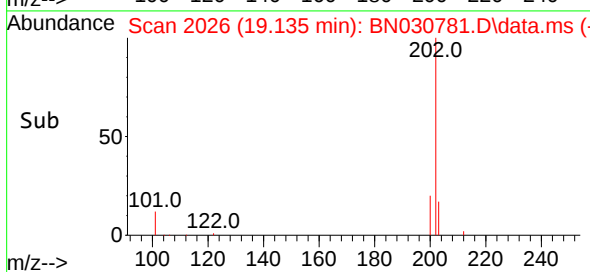
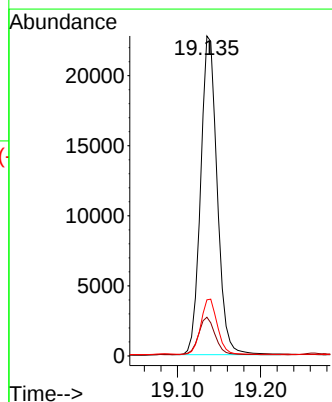
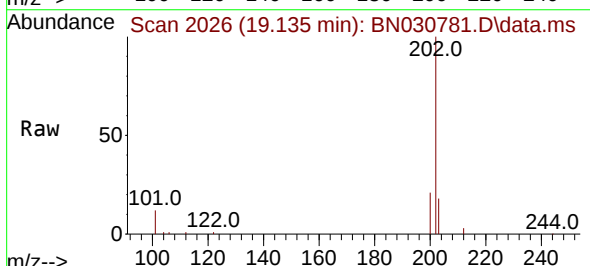
APPROVED

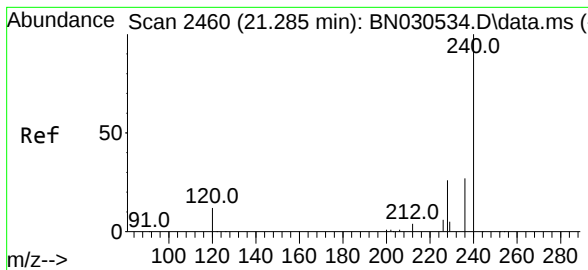
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#28
Fluoranthene
Concen: 0.295 ng
RT: 19.135 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:202 Resp: 31661
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
203 17.1 13.7 20.5





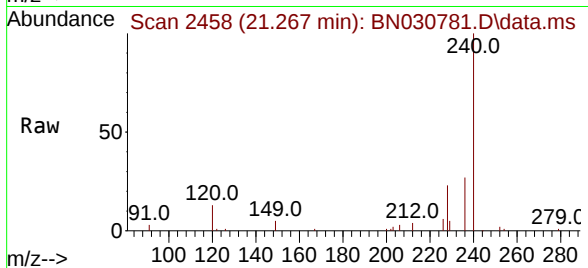
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 2460
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

PB160073BS

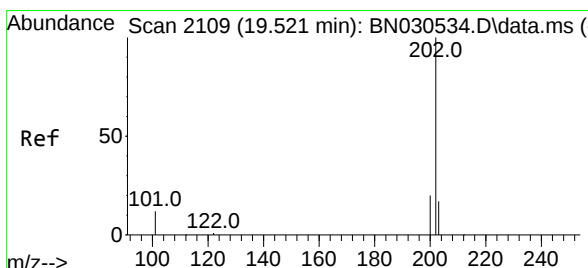
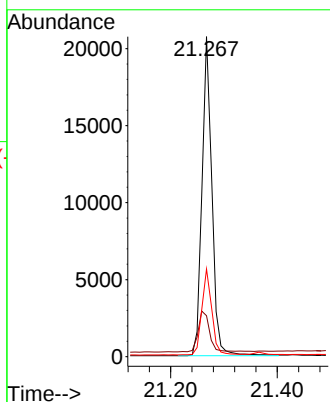
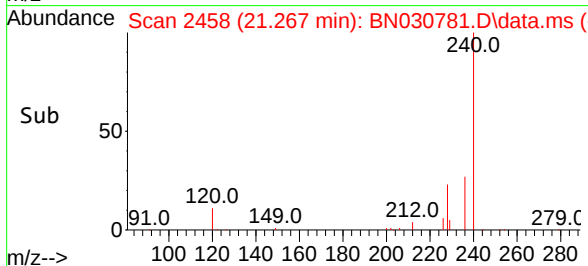


Tgt Ion:240 Resp: 26720
Ion Ratio Lower Upper
240 100
120 12.8 10.6 15.8
236 27.4 22.1 33.1

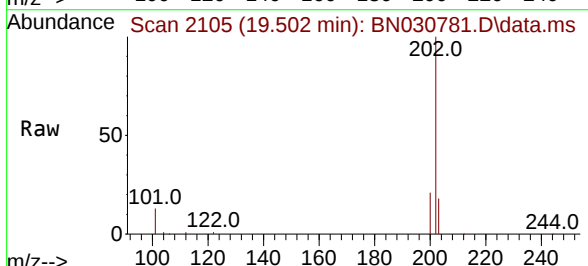
Manual Integrations

APPROVED

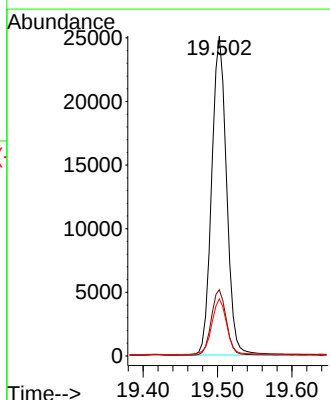
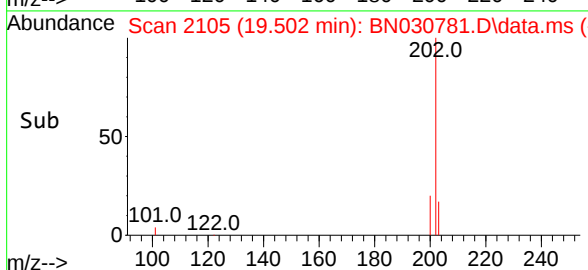
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

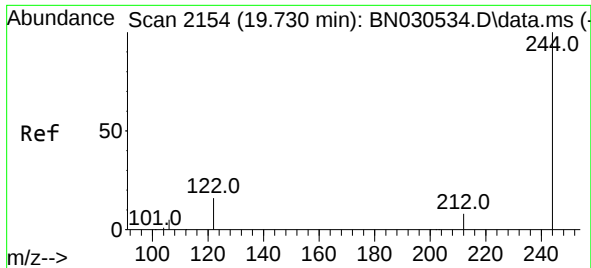


#30
Pyrene
Concen: 0.333 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39



Tgt Ion:202 Resp: 34834
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 18.0 14.2 21.4





#31
Terphenyl-d14
Concen: 0.344 ng
RT: 19.711 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

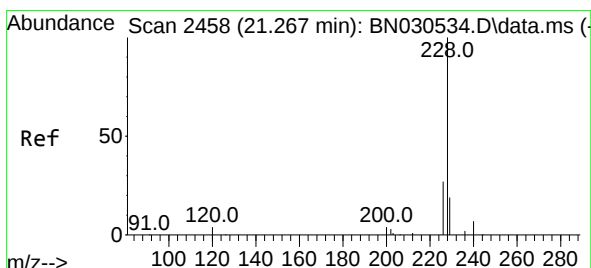
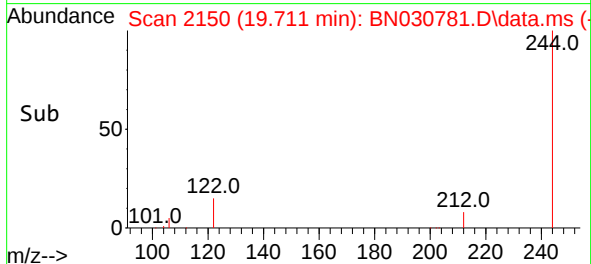
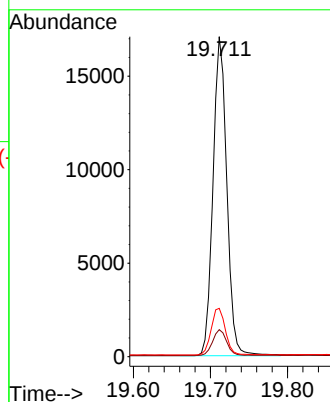
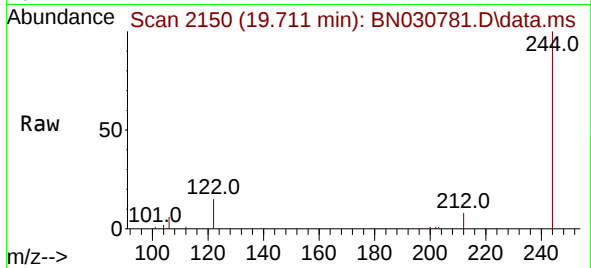
PB160073BS

Tgt Ion:244 Resp: 2125
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 15.1 12.7 19.1

Manual Integrations

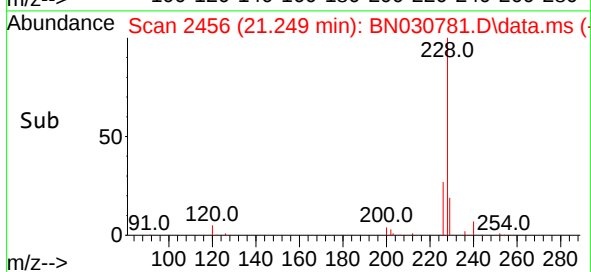
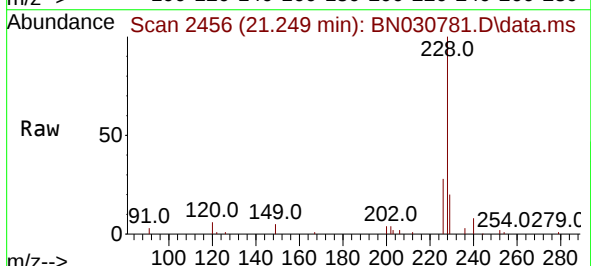
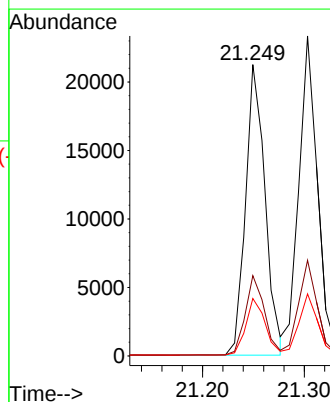
APPROVED

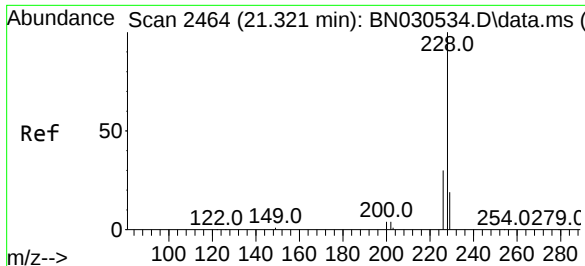
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#32
Benzo(a)anthracene
Concen: 0.298 ng
RT: 21.249 min Scan# 2456
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

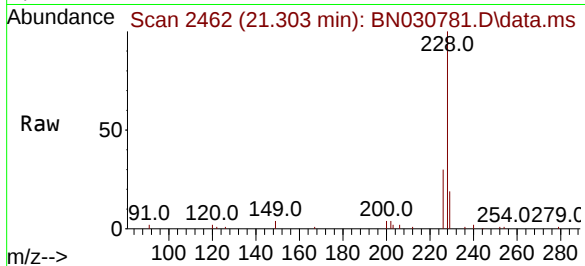
Tgt Ion:228 Resp: 28196
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.7 15.4 23.2





#33
Chrysene
Concen: 0.292 ng
RT: 21.303 min Scan# 2462
Delta R.T. -0.018 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

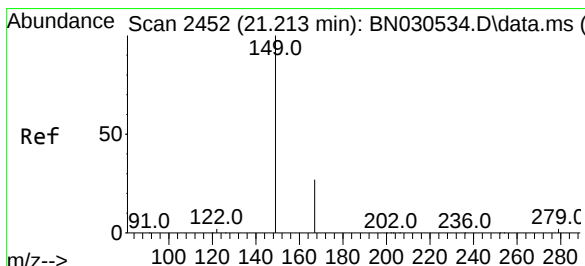
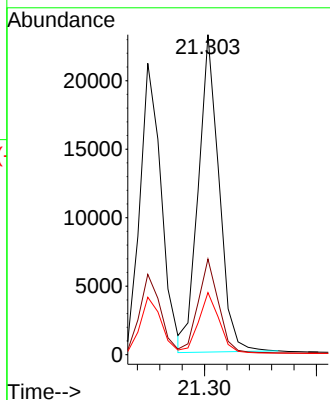
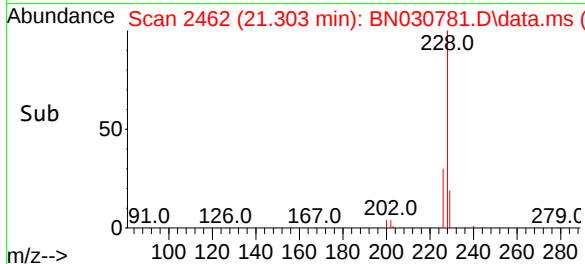
Instrument :
BNA_N
ClientSampleId :
PB160073BS



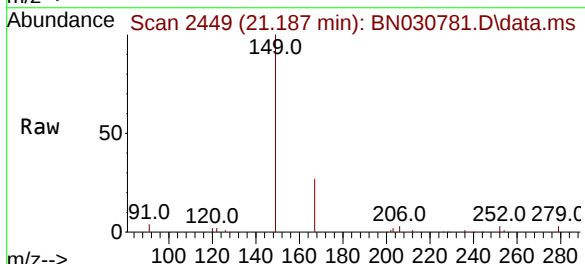
Tgt Ion:228 Resp: 2961
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.4 15.8 23.6

Manual Integrations
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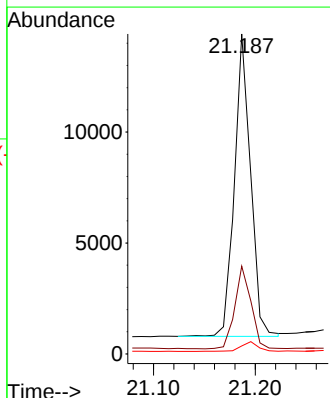
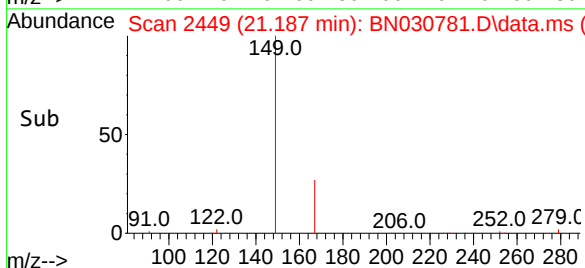
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

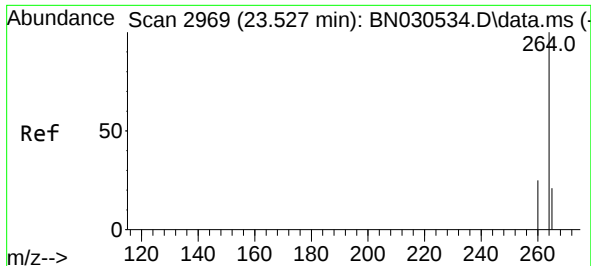


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39



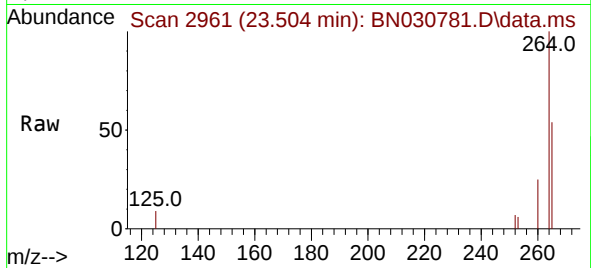
Tgt Ion:149 Resp: 14995
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 3.6 2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.504 min Scan# 2961
Delta R.T. -0.023 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

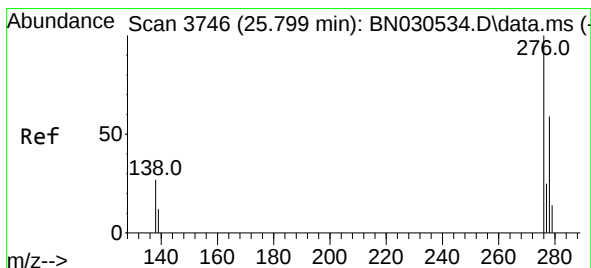
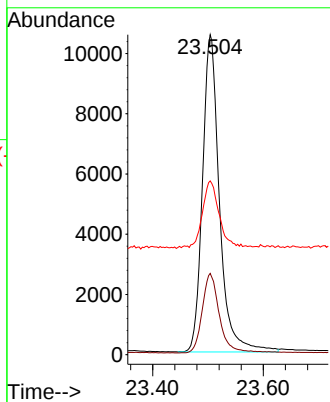
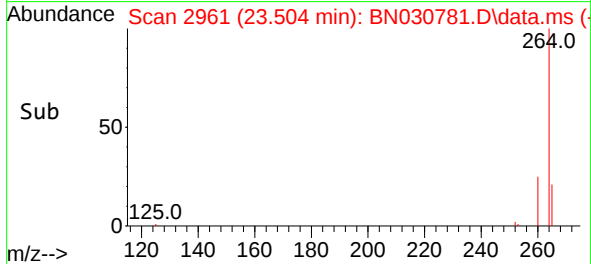
Instrument :
BNA_N
ClientSampleId :
PB160073BS



Tgt Ion:264 Resp: 22488
Ion Ratio Lower Upper
264 100
260 25.4 20.6 30.8
265 54.3 41.8 62.8

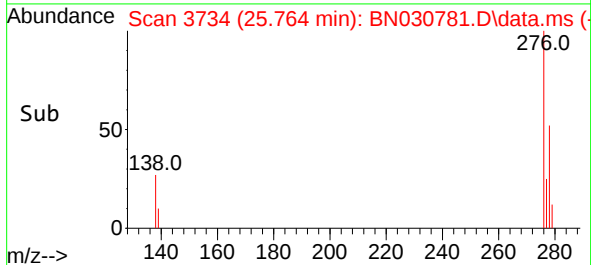
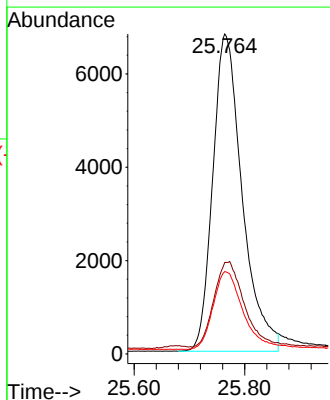
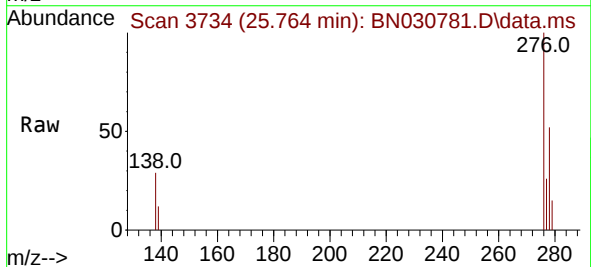
Manual Integrations
APPROVED

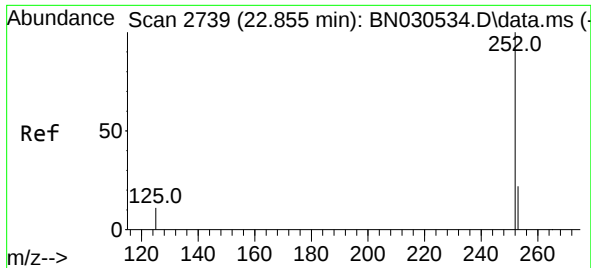
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng
RT: 25.764 min Scan# 3734
Delta R.T. -0.035 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:276 Resp: 25068
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.4
277 24.9 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.330 ng m

RT: 22.832 min Scan# 21

Delta R.T. -0.023 min

Lab File: BN030781.D

Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

PB160073BS

Tgt Ion:252 Resp: 30210

Ion Ratio Lower Upper

252 100

253 25.2 19.2 28.8

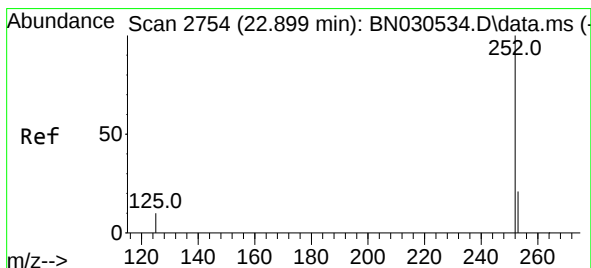
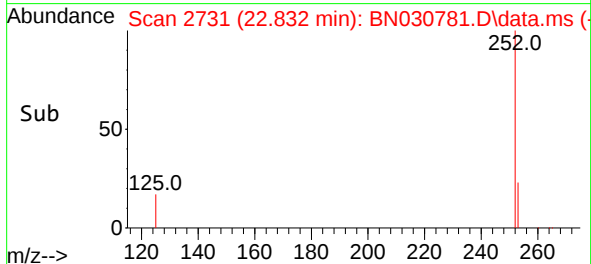
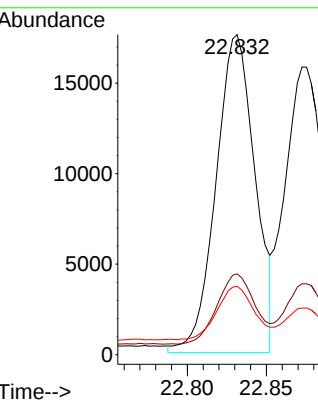
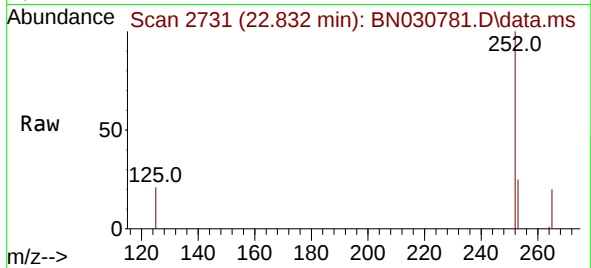
125 21.3 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#38

Benzo(k)fluoranthene

Concen: 0.303 ng

RT: 22.872 min Scan# 2745

Delta R.T. -0.026 min

Lab File: BN030781.D

Acq: 08 Apr 2024 22:39

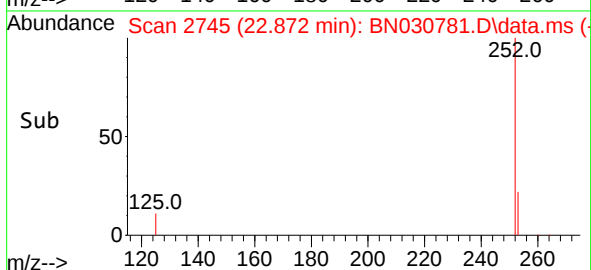
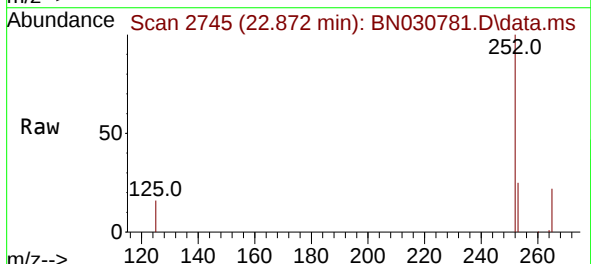
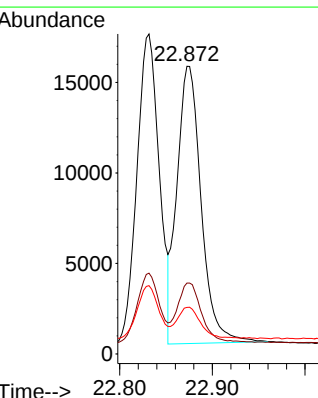
Tgt Ion:252 Resp: 27782

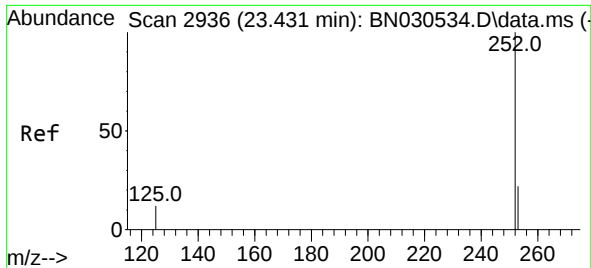
Ion Ratio Lower Upper

252 100

253 24.6 18.9 28.3

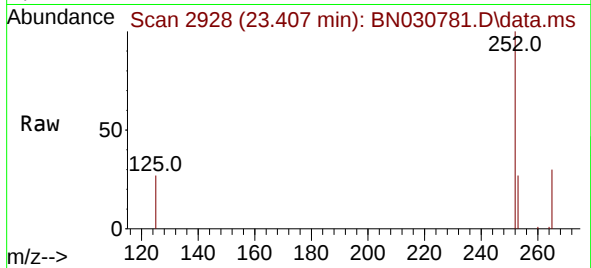
125 16.2 11.5 17.3





#39
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.407 min Scan# 2936
Delta R.T. -0.023 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

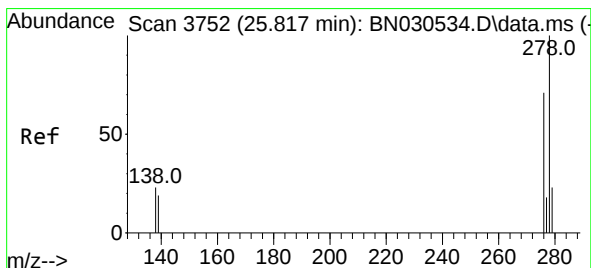
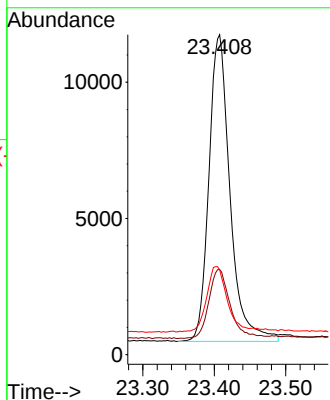
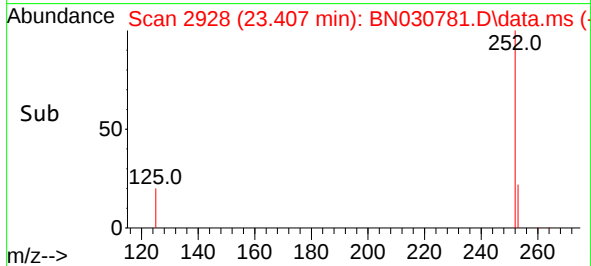
Instrument :
BNA_N
ClientSampleId :
PB160073BS



Tgt Ion:252 Resp: 23118
Ion Ratio Lower Upper
252 100
253 26.6 20.0 30.0
125 26.6 14.3 21.5

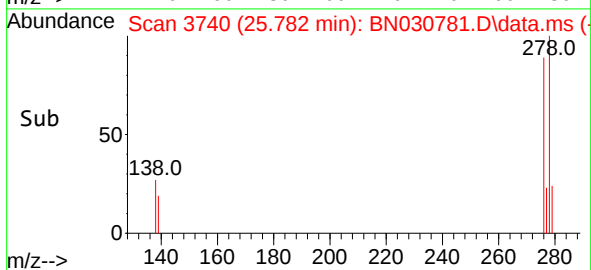
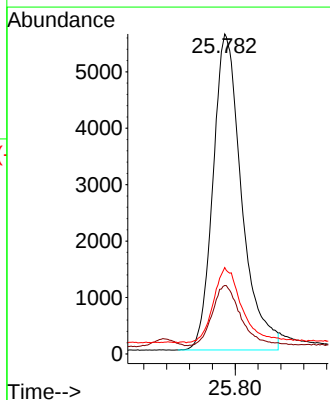
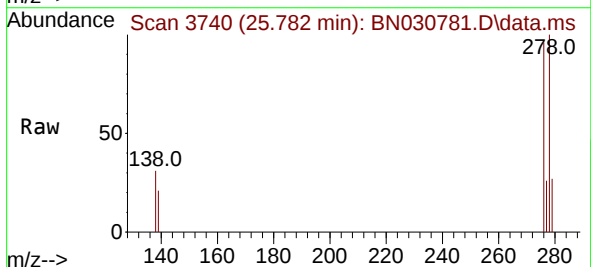
Manual Integrations
APPROVED

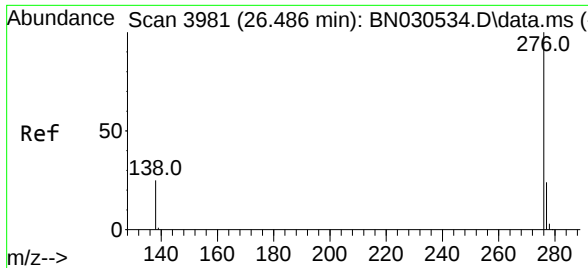
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.246 ng
RT: 25.782 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BN030781.D
Acq: 08 Apr 2024 22:39

Tgt Ion:278 Resp: 19414
Ion Ratio Lower Upper
278 100
139 21.4 16.2 24.2
279 27.0 20.6 30.8





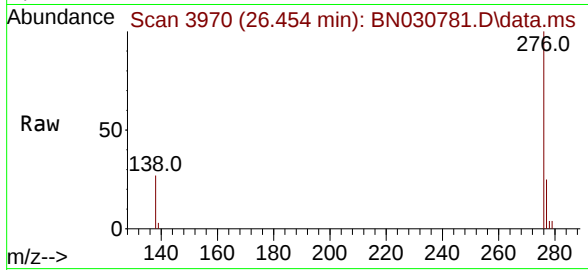
#41
 Benzo(g,h,i)perylene
 Concen: 0.251 ng
 RT: 26.454 min Scan# 3981
 Delta R.T. -0.032 min
 Lab File: BN030781.D
 Acq: 08 Apr 2024 22:39

Instrument :

BNA_N

ClientSampleId :

PB160073BS



Tgt Ion:	276	Resp:	21330
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.8	29.6
138	26.8	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

