

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
 Data File : BN031427.D
 Acq On : 07 May 2024 18:17
 Operator : MA/JU
 Sample : PB160745BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160745BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 18:43:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	5531	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	17336	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	8823	0.400	ng	0.00
19) Phenanthrene-d10	16.966	188	22881	0.400	ng	0.00
29) Chrysene-d12	21.166	240	15708	0.400	ng	# 0.00
35) Perylene-d12	23.355	264	20531	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.161	112	4746	0.366	ng	0.00
5) Phenol-d6	6.743	99	5541	0.360	ng	0.00
8) Nitrobenzene-d5	8.713	82	4509	0.296	ng	0.00
11) 2-Methylnaphthalene-d10	11.937	152	10086	0.492	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	1428	0.327	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	15722	0.482	ng	0.00
27) Fluoranthene-d10	19.007	212	22913	0.370	ng	0.00
31) Terphenyl-d14	19.616	244	18102	0.454	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.103	88	2303	0.349	ng	100
3) n-Nitrosodimethylamine	3.421	42	2328	0.353	ng	95
6) bis(2-Chloroethyl)ether	7.003	93	5210	0.362	ng	98
9) Naphthalene	10.389	128	18073	0.373	ng	98
10) Hexachlorobutadiene	10.666	225	3767	0.372	ng	# 100
12) 2-Methylnaphthalene	12.013	142	11874	0.501	ng	98
16) Acenaphthylene	13.932	152	16012	0.414	ng	100
17) Acenaphthene	14.274	154	10225	0.385	ng	99
18) Fluorene	15.268	166	15190	0.442	ng	99
20) 4,6-Dinitro-2-methylph...	15.365	198	1036	0.320	ng	# 87
21) 4-Bromophenyl-phenylether	16.160	248	4954	0.375	ng	99
22) Hexachlorobenzene	16.271	284	5765	0.381	ng	99
23) Atrazine	16.445	200	3731	0.360	ng	98
24) Pentachlorophenol	16.619	266	1851	0.372	ng	99
25) Phenanthrene	17.004	178	24660	0.376	ng	100
26) Anthracene	17.103	178	19524	0.354	ng	99
28) Fluoranthene	19.035	202	29201	0.364	ng	100
30) Pyrene	19.402	202	29766	0.554	ng	100
32) Benzo(a)anthracene	21.157	228	20851	0.384	ng	98
33) Chrysene	21.202	228	19002	0.336	ng	98
34) Bis(2-ethylhexyl)phtha...	21.094	149	10481m	0.366	ng	
36) Indeno(1,2,3-cd)pyrene	25.539	276	32609	0.393	ng	99
37) Benzo(b)fluoranthene	22.700	252	21695	0.269	ng	99
38) Benzo(k)fluoranthene	22.744	252	26034	0.330	ng	99
39) Benzo(a)pyrene	23.259	252	26763	0.396	ng	97
40) Dibenzo(a,h)anthracene	25.554	278	25724	0.393	ng	98
41) Benzo(g,h,i)perylene	26.206	276	28786	0.434	ng	99

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

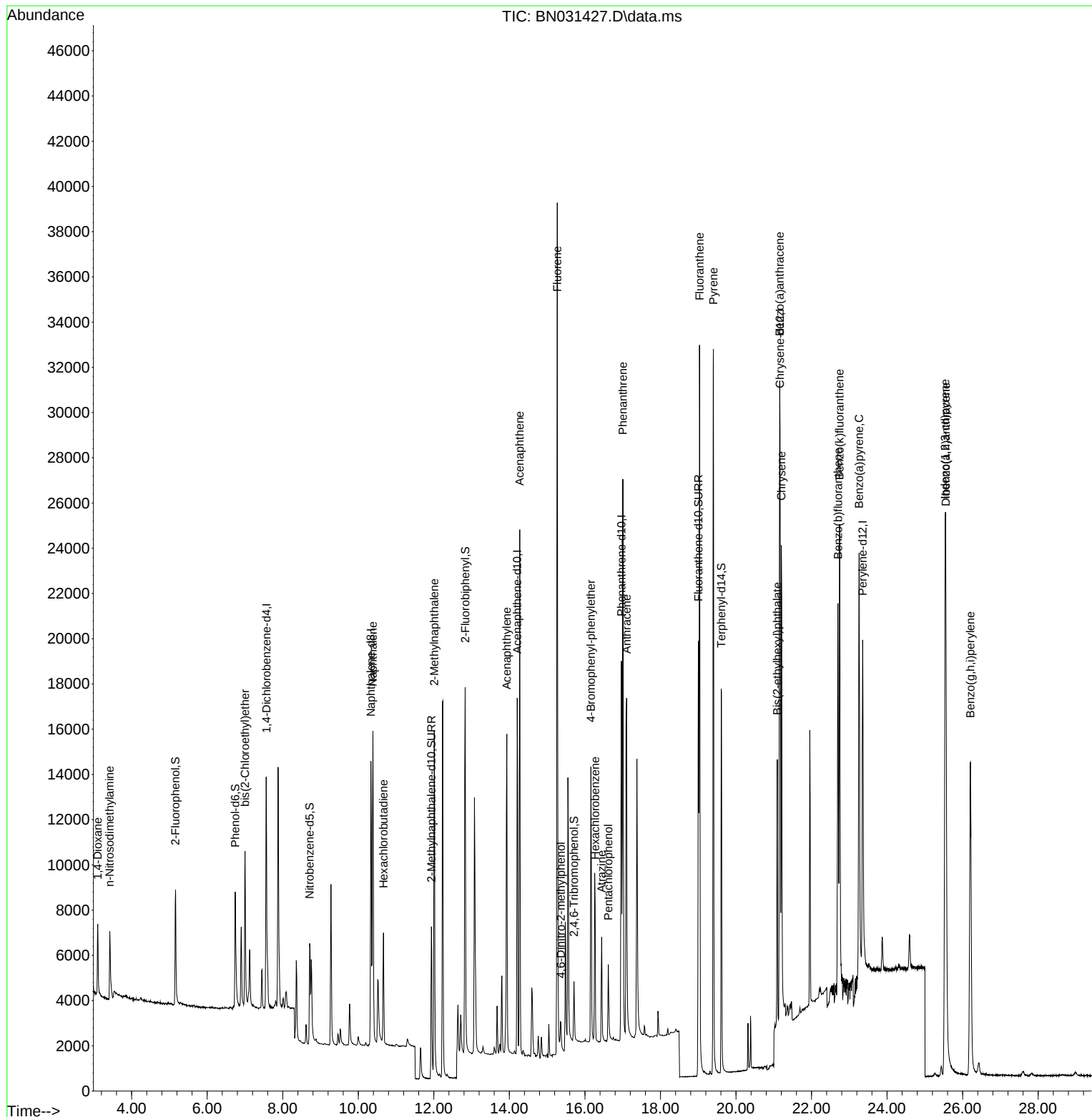
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031427.D
Acq On : 07 May 2024 18:17
Operator : MA/JU
Sample : PB160745BS
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Supervised By :mohammad ahmed 05/08/2024

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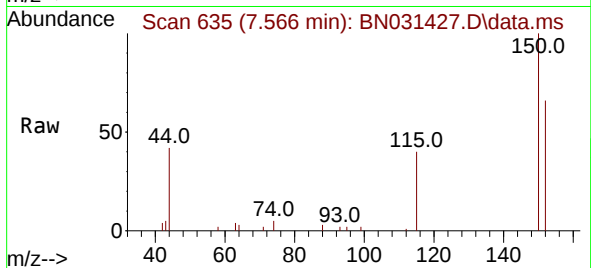
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.566 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



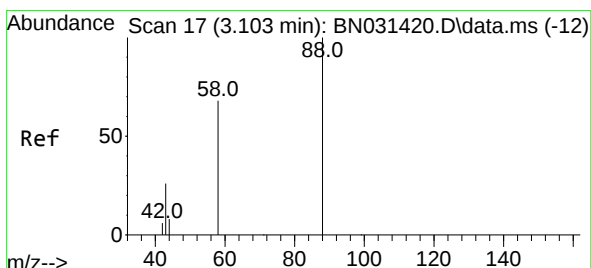
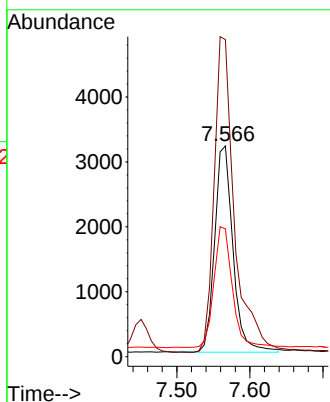
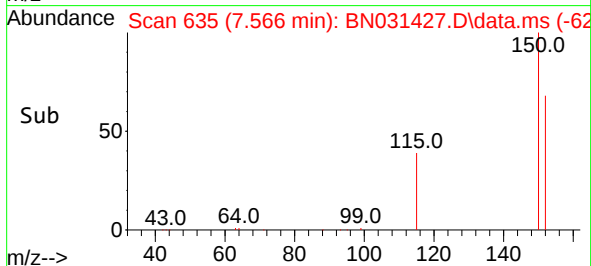
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Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.2
115 60.7 47.8 71.6

Manual Integrations

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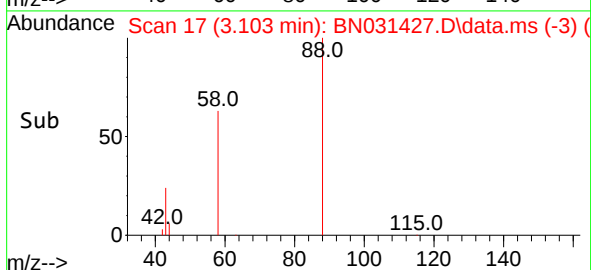
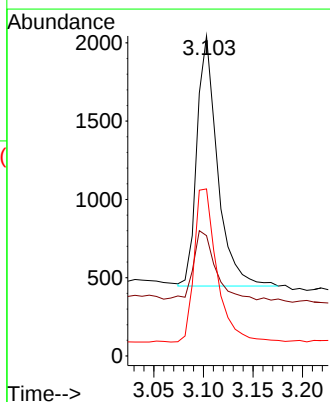
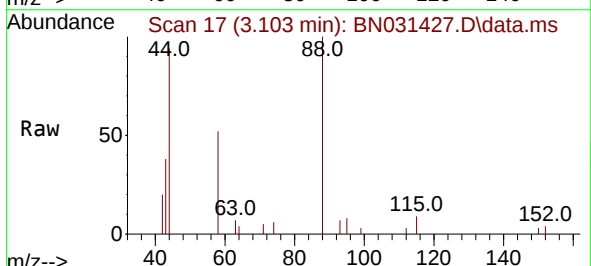
Reviewed By :Yogesh Patel 05/08/2024

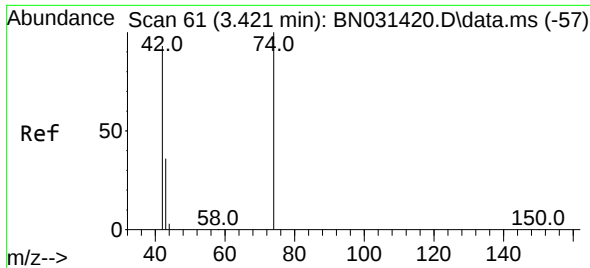
Supervised By :mohammad ahmed 05/08/2024



#2
1,4-Dioxane
Concen: 0.349 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

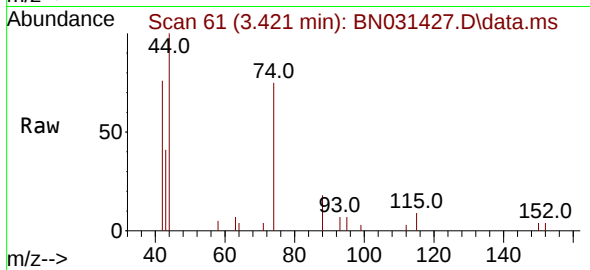
Tgt Ion: 88 Resp: 2303
Ion Ratio Lower Upper
88 100
43 30.2 23.8 35.8
58 68.0 54.6 81.8





#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.421 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

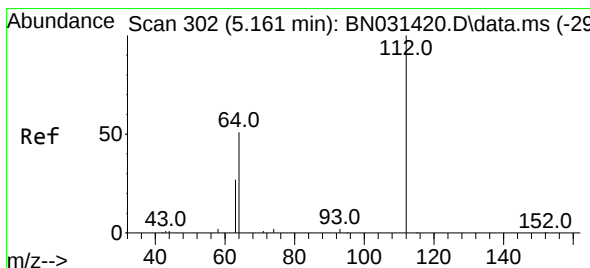
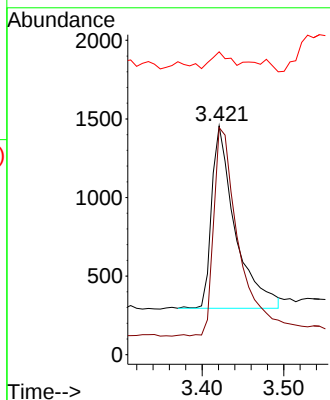
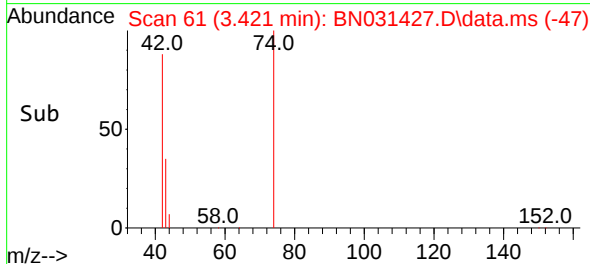
Instrument :
BNA_N
ClientSampleId :
PB160745BS



Tgt Ion: 42 Resp: 2328
Ion Ratio Lower Upper
42 100
74 120.5 101.7 152.5
44 6.8 5.3 7.9

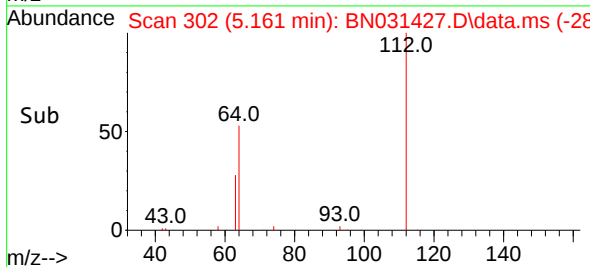
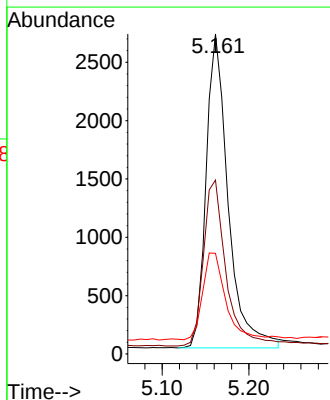
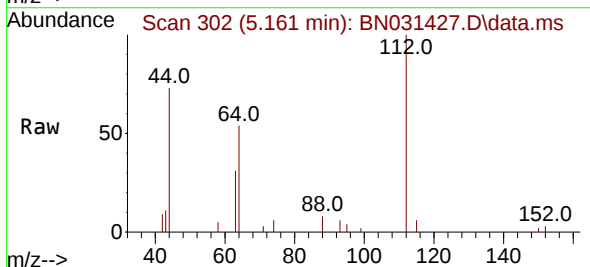
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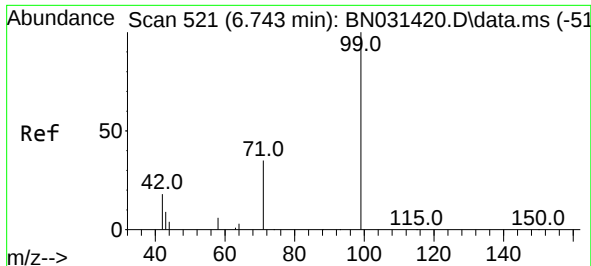
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.161 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:112 Resp: 4746
Ion Ratio Lower Upper
112 100
64 54.2 42.4 63.6
63 29.7 22.6 34.0





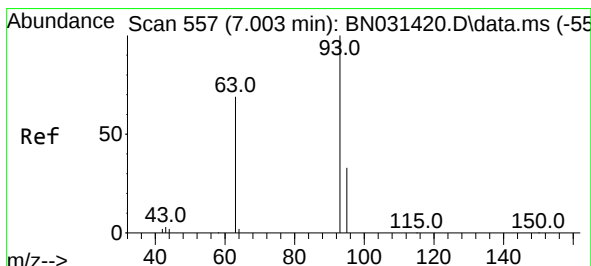
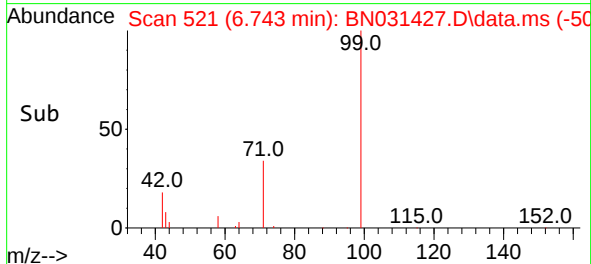
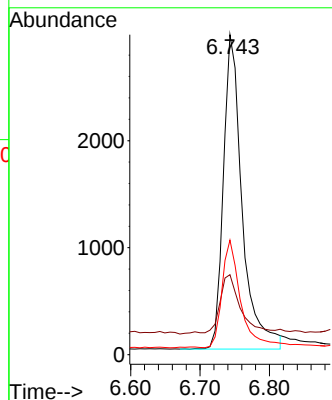
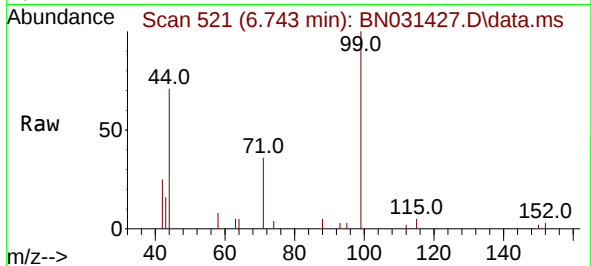
#5
Phenol-d6
Concen: 0.360 ng
RT: 6.743 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion: 99 Resp: 554
Ion Ratio Lower Upper
99 100
42 21.3 15.8 23.8
71 33.7 27.8 41.6

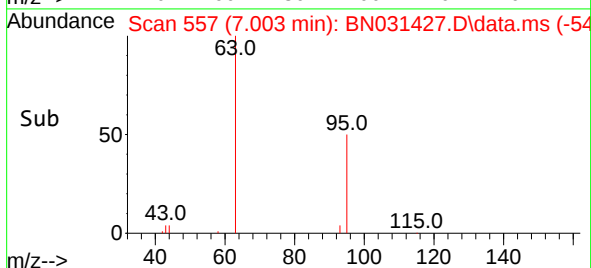
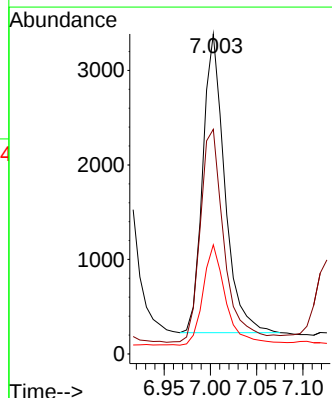
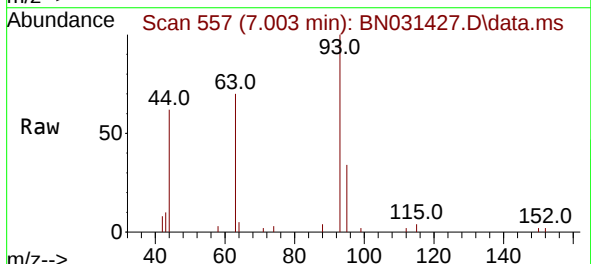
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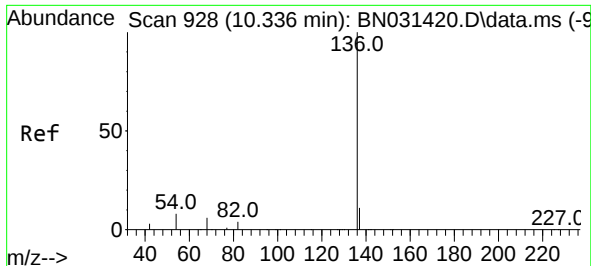
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 93 Resp: 5210
Ion Ratio Lower Upper
93 100
63 78.8 60.7 91.1
95 34.7 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :

BNA_N

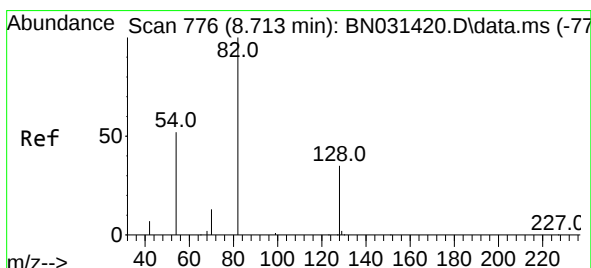
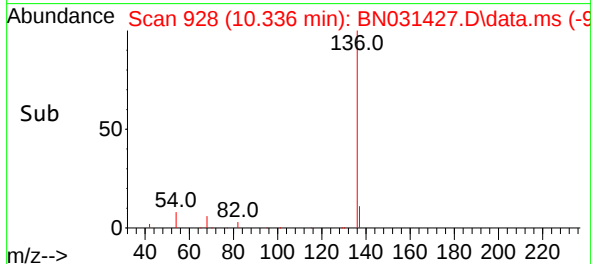
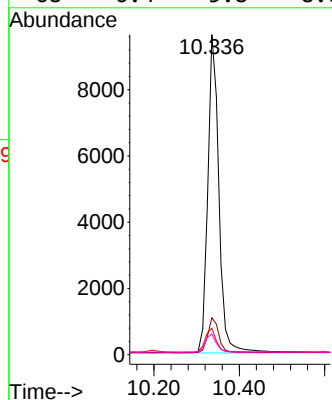
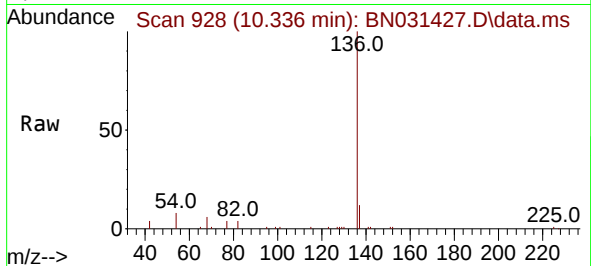
ClientSampleId :

PB160745BS

Tgt Ion:136 Resp: 17330
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 8.3 7.2 10.8
68 6.4 5.8 8.6

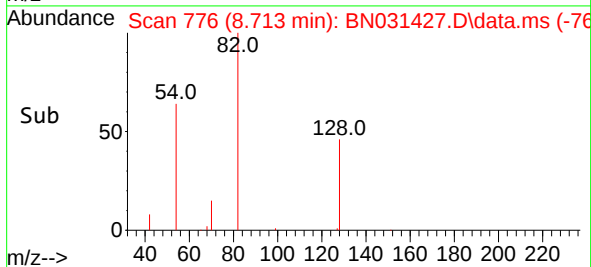
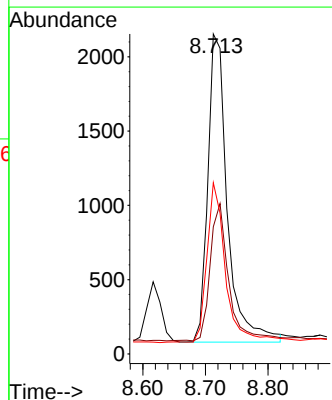
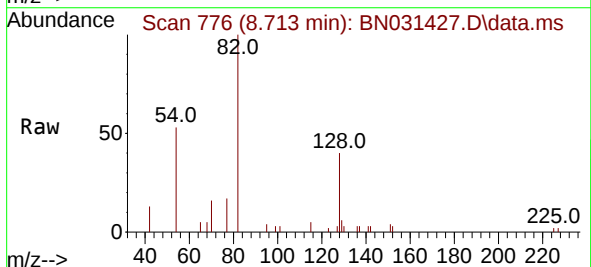
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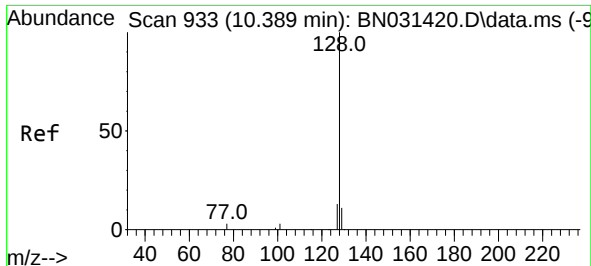
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 82 Resp: 4509
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 53.5 43.4 65.0





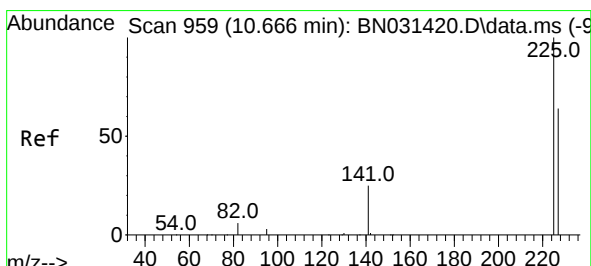
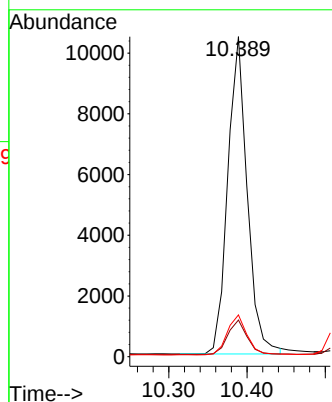
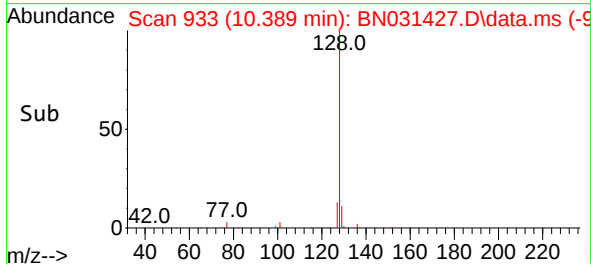
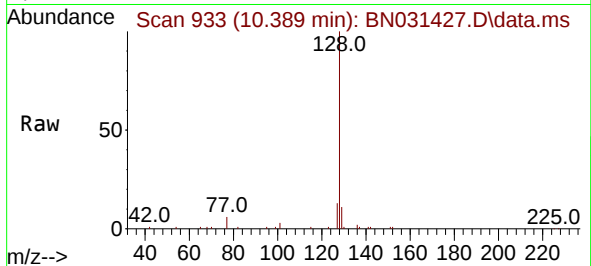
#9
Naphthalene
Concen: 0.373 ng
RT: 10.389 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:128 Resp: 1807
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.0 11.1 16.7

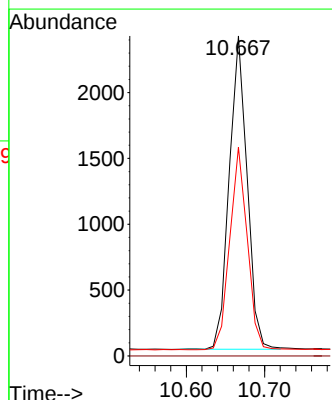
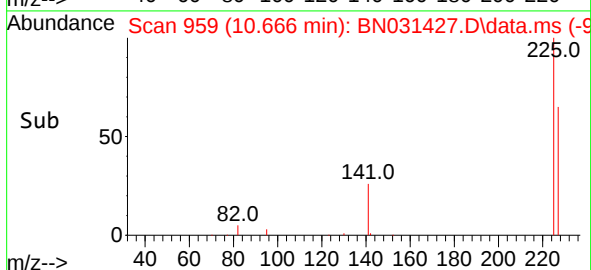
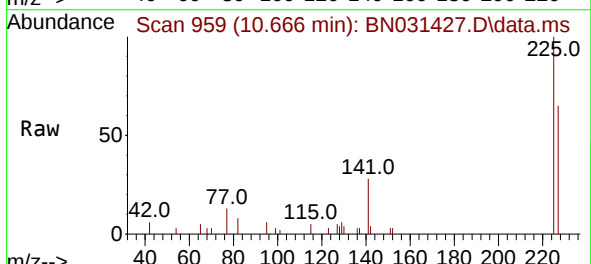
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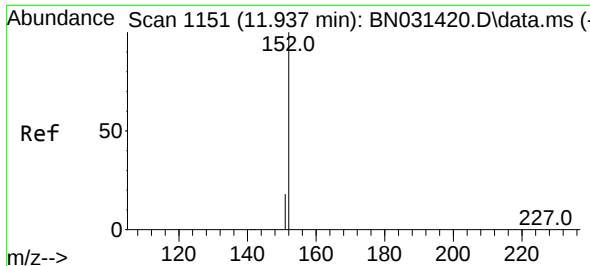
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.666 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

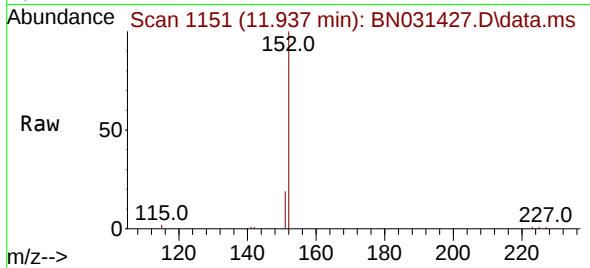
Tgt Ion:225 Resp: 3767
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.4 50.8 76.2





#11
2-Methylnaphthalene-d10
Concen: 0.492 ng
RT: 11.937 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

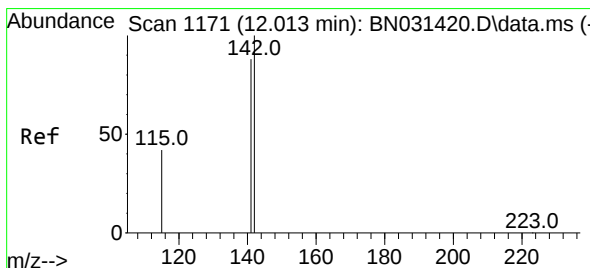
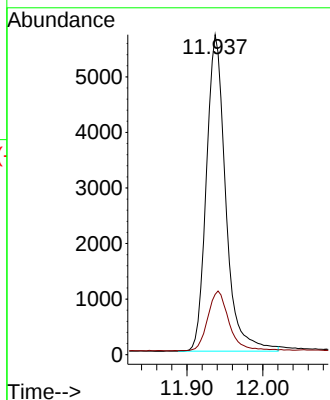
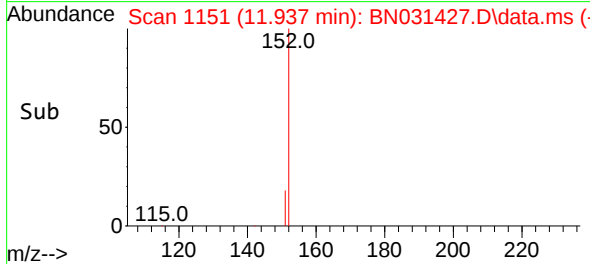
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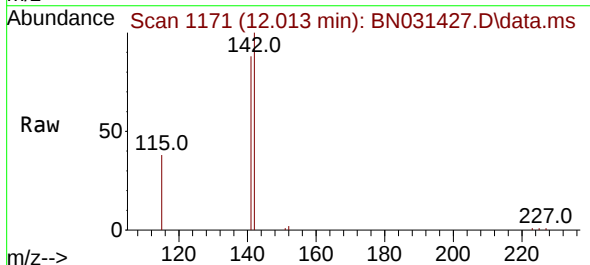
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Ion Ratio Lower Upper
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151 20.5 16.7 25.1

Manual Integrations
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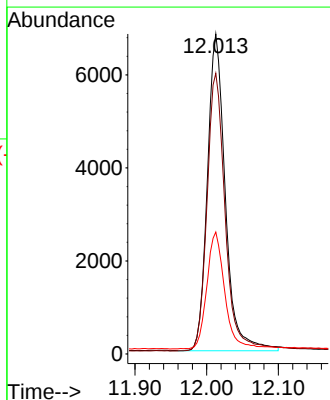
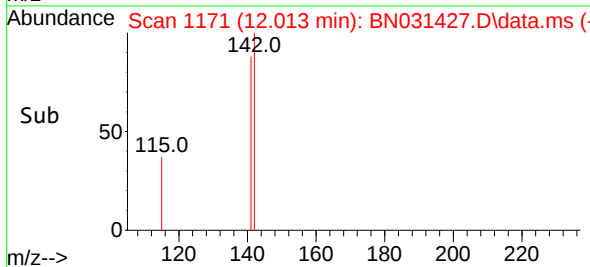
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

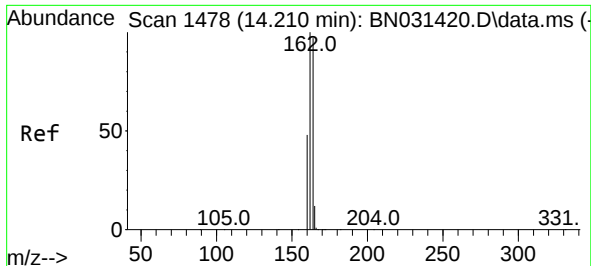


#12
2-Methylnaphthalene
Concen: 0.501 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17



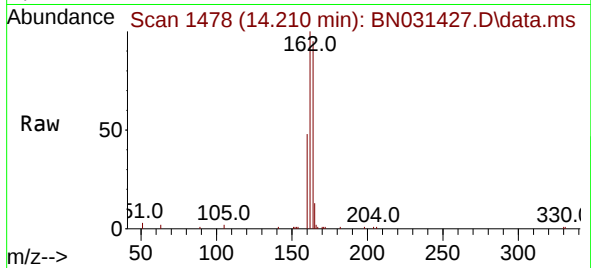
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Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
115 38.1 34.2 51.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

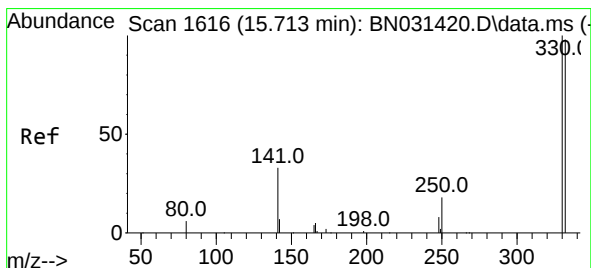
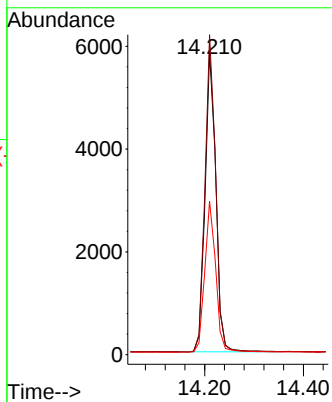
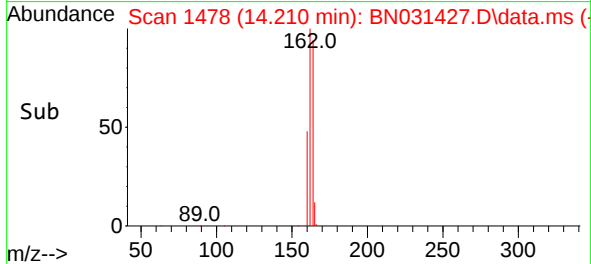
Instrument :
BNA_N
ClientSampleId :
PB160745BS



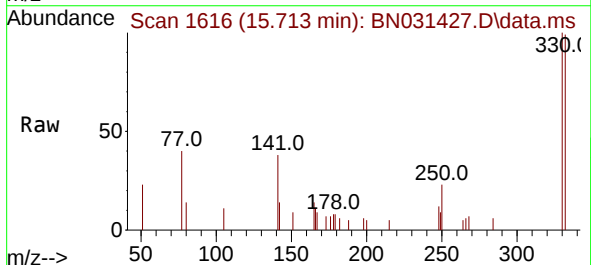
Tgt Ion:164 Resp: 882
Ion Ratio Lower Upper
164 100
162 105.8 82.3 123.5
160 50.8 40.2 60.2

Manual Integrations
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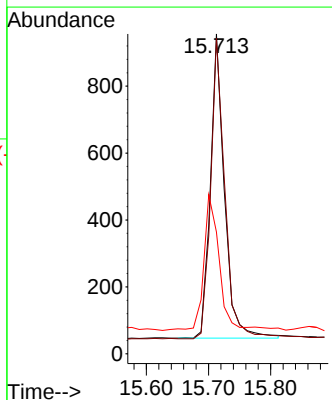
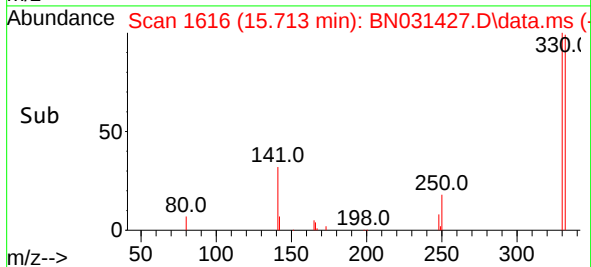
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

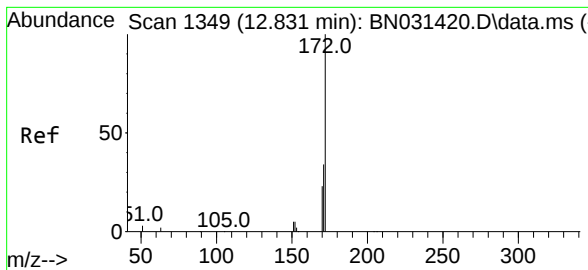


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17



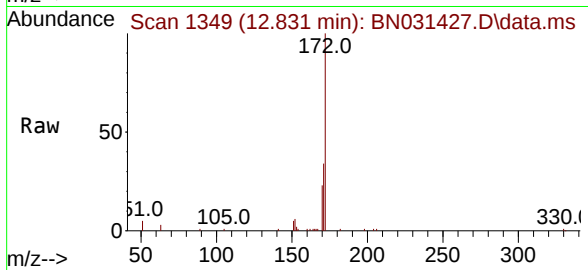
Tgt Ion:330 Resp: 1428
Ion Ratio Lower Upper
330 100
332 100.1 77.5 116.3
141 47.2 39.3 58.9





#15
2-Fluorobiphenyl
Concen: 0.482 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

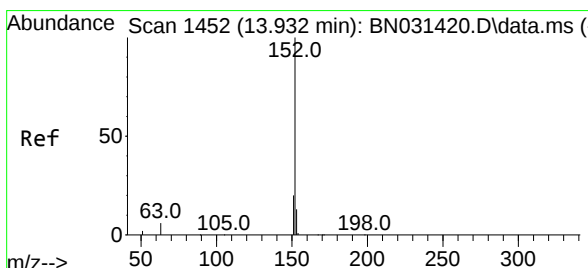
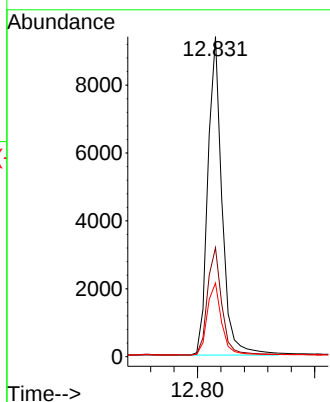
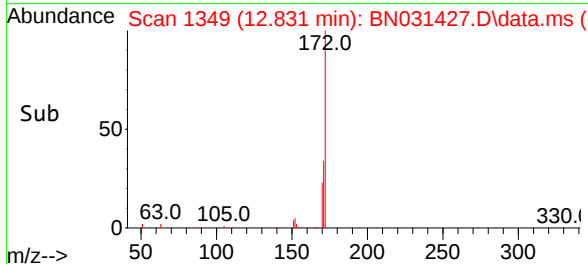
Instrument :
BNA_N
ClientSampleId :
PB160745BS



Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	23.0	18.9	28.3

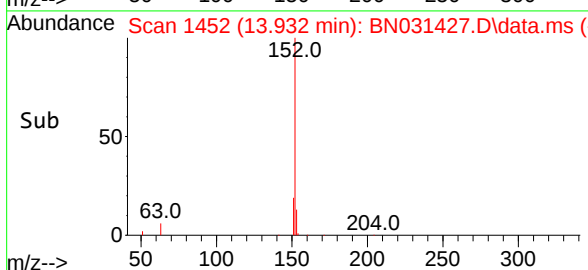
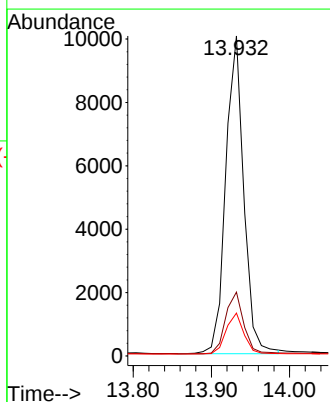
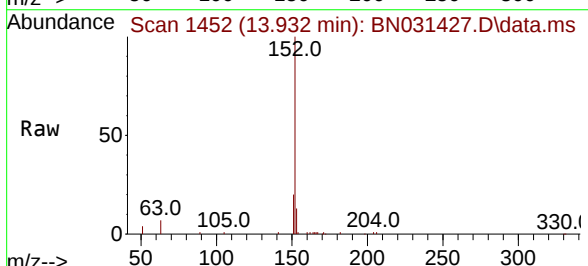
Manual Integrations
APPROVED

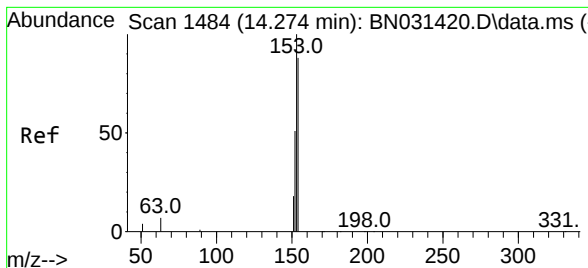
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.5	15.7





#17

Acenaphthene

Concen: 0.385 ng

RT: 14.274 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BN031427.D

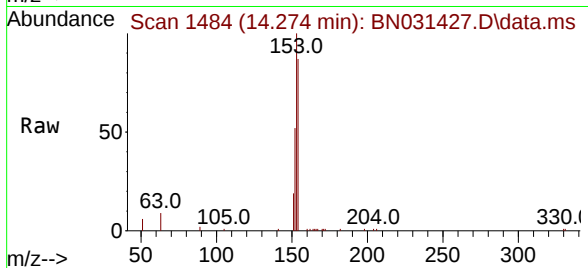
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



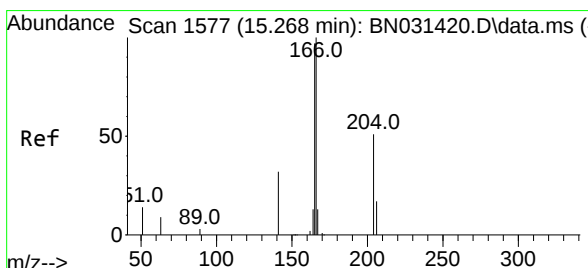
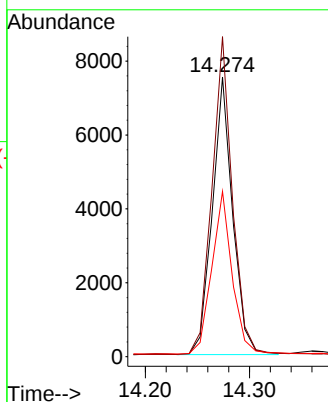
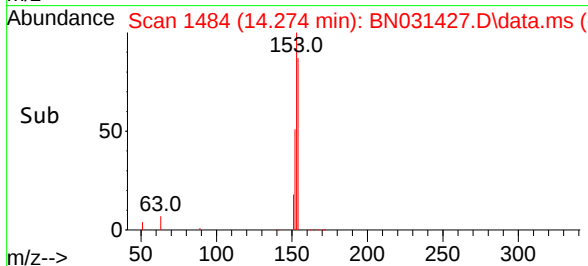
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.4	135.6
152	58.3	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#18

Fluorene

Concen: 0.442 ng

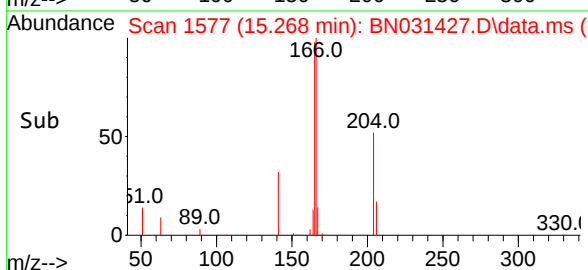
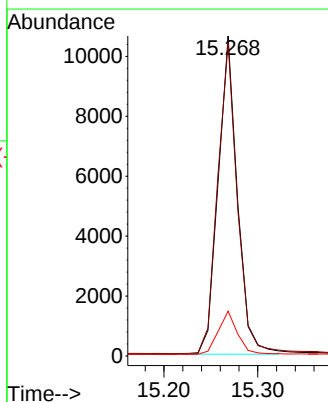
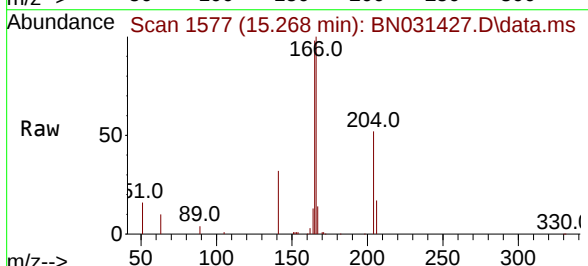
RT: 15.268 min Scan# 1577

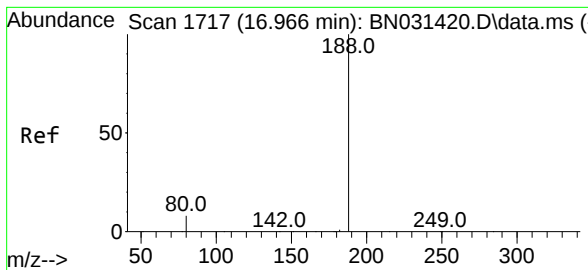
Delta R.T. 0.000 min

Lab File: BN031427.D

Acq: 07 May 2024 18:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.5	10.8	16.2





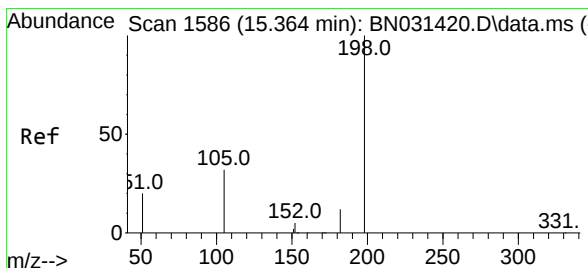
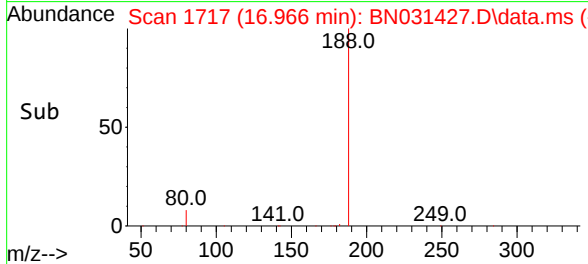
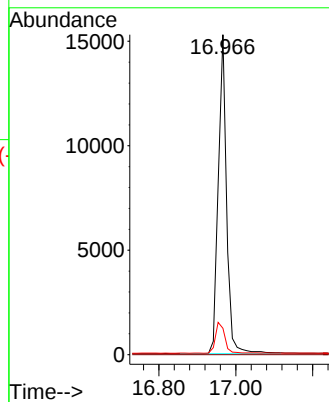
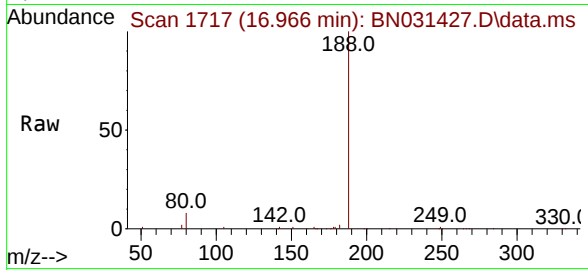
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:188 Resp: 2288
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.8 10.2

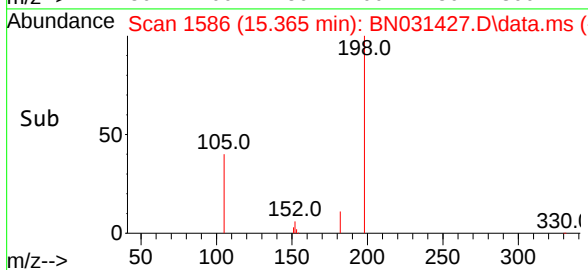
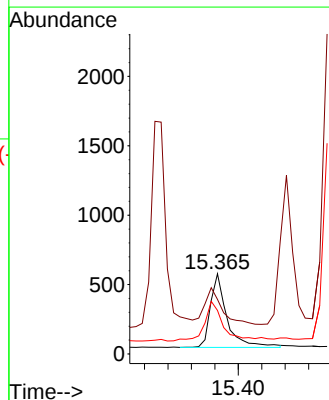
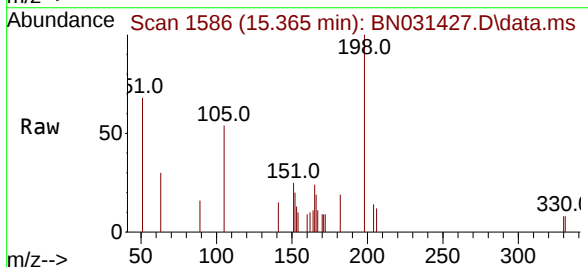
Manual Integrations
APPROVED

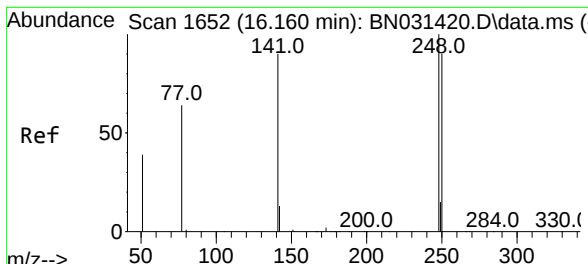
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

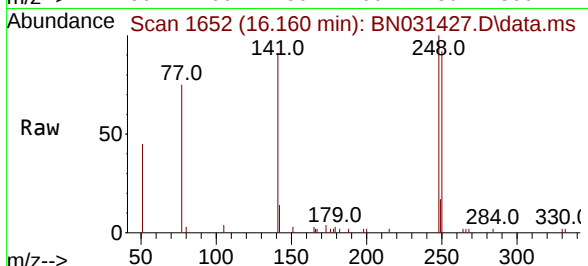
Tgt Ion:198 Resp: 1036
Ion Ratio Lower Upper
198 100
51 68.0 47.4 71.2
105 54.3 35.7 53.5





#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.160 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

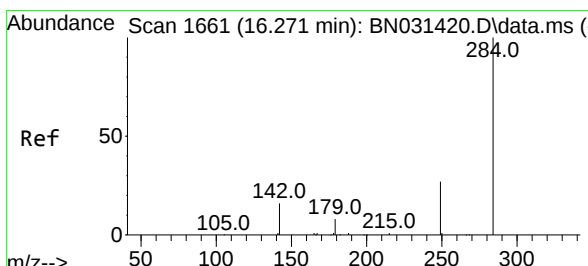
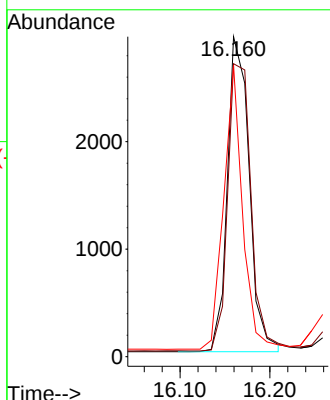
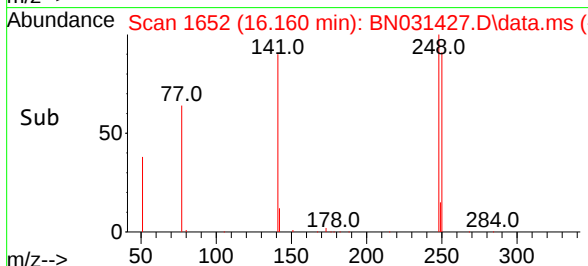
Instrument :
BNA_N
ClientSampleId :
PB160745BS



Tgt Ion:248 Resp: 4954
Ion Ratio Lower Upper
248 100
250 91.5 72.3 108.5
141 91.2 72.9 109.3

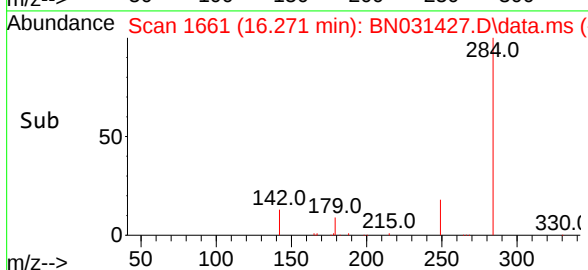
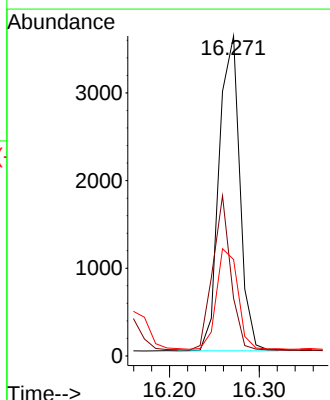
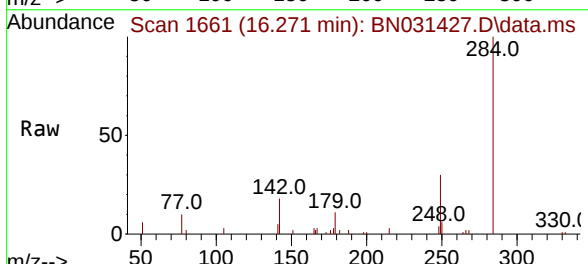
Manual Integrations
APPROVED

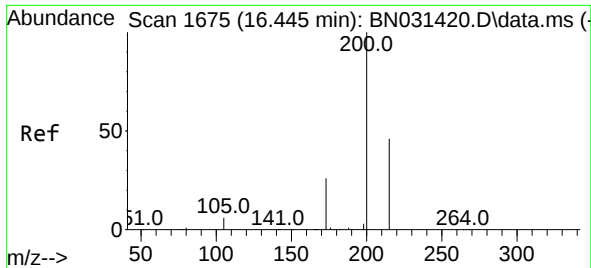
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

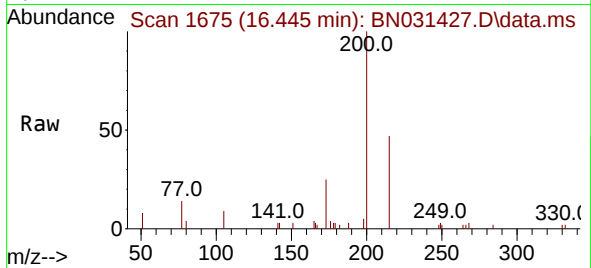
Tgt Ion:284 Resp: 5765
Ion Ratio Lower Upper
284 100
142 42.7 33.8 50.8
249 32.8 25.8 38.8





#23
Atrazine
Concen: 0.360 ng
RT: 16.445 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

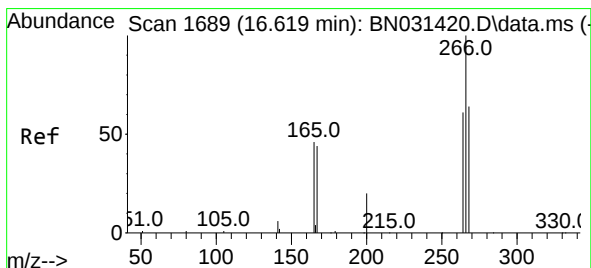
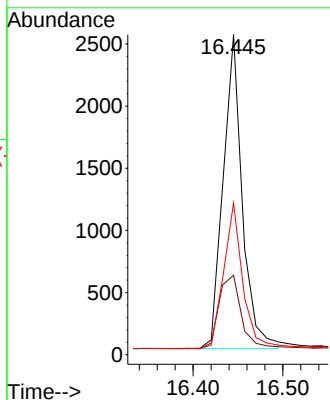
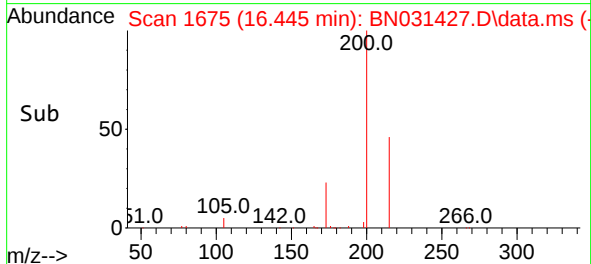
Instrument :
BNA_N
ClientSampleId :
PB160745BS



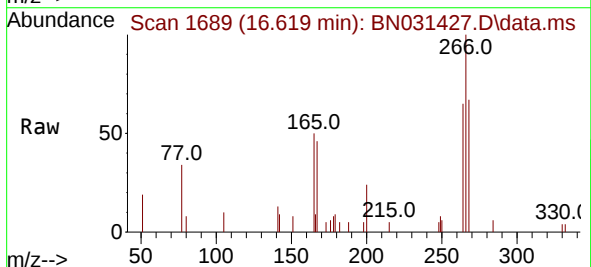
Tgt Ion:200 Resp: 373
Ion Ratio Lower Upper
200 100
173 24.8 21.8 32.6
215 47.4 37.5 56.3

Manual Integrations
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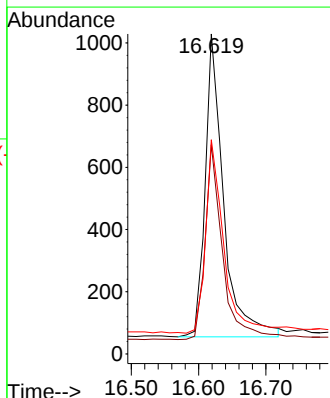
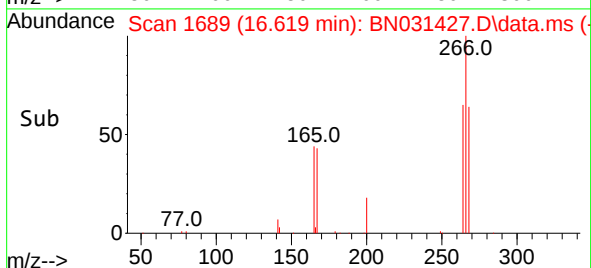
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

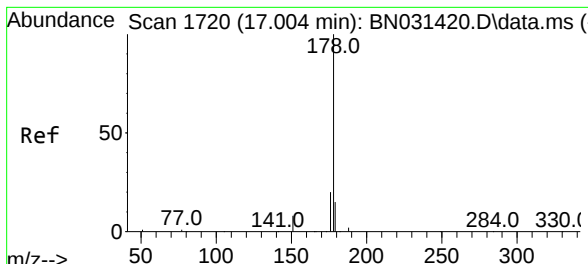


#24
Pentachlorophenol
Concen: 0.372 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17



Tgt Ion:266 Resp: 1851
Ion Ratio Lower Upper
266 100
264 61.4 49.0 73.4
268 61.9 51.0 76.4





#25
 Phenanthrene
 Concen: 0.376 ng
 RT: 17.004 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

Instrument :

BNA_N

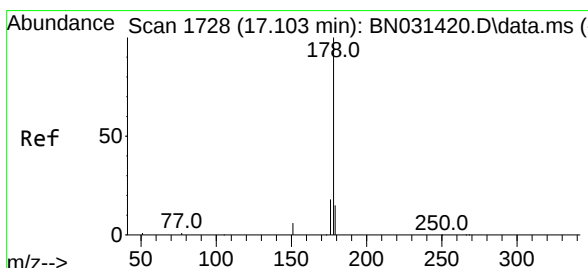
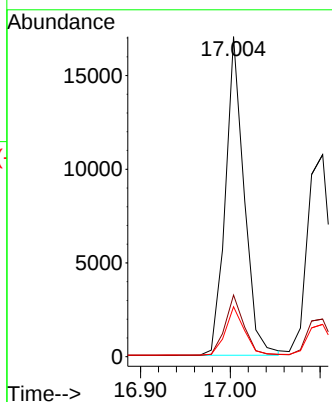
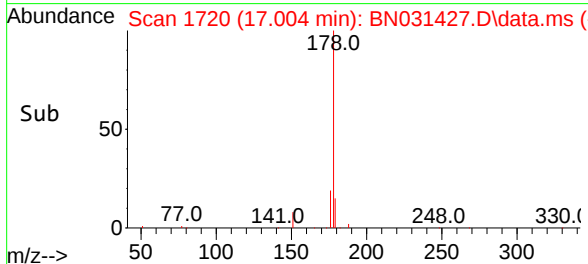
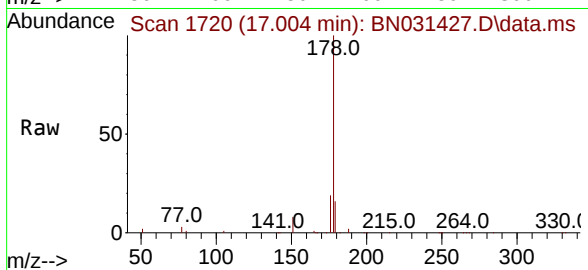
ClientSampleId :

PB160745BS

Tgt Ion:	178	Resp:	24660
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.3	22.9
179	15.3	12.3	18.5

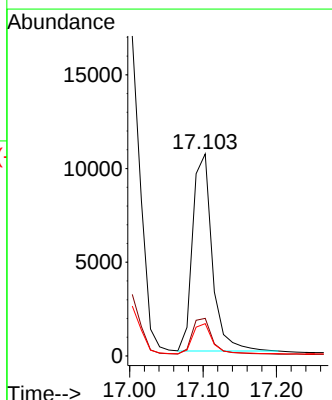
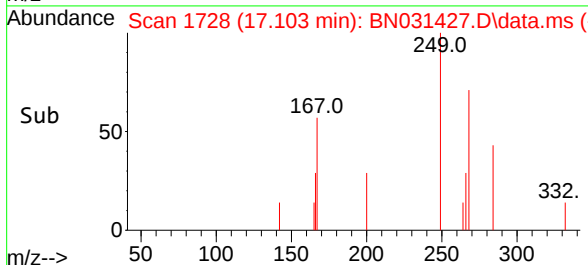
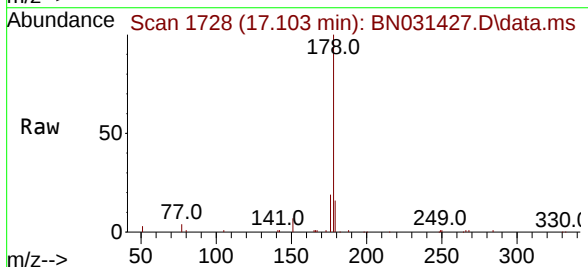
Manual Integrations
 APPROVED

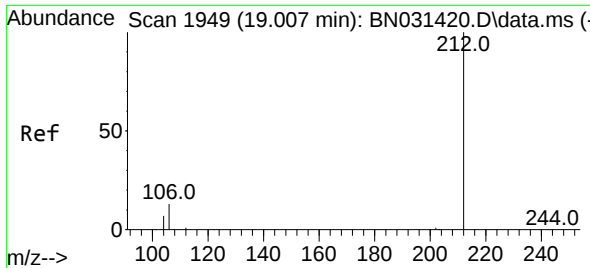
Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024



#26
 Anthracene
 Concen: 0.354 ng
 RT: 17.103 min Scan# 1728
 Delta R.T. 0.000 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

Tgt Ion:	178	Resp:	19524
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.5	21.7
179	15.2	12.1	18.1





#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.007 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

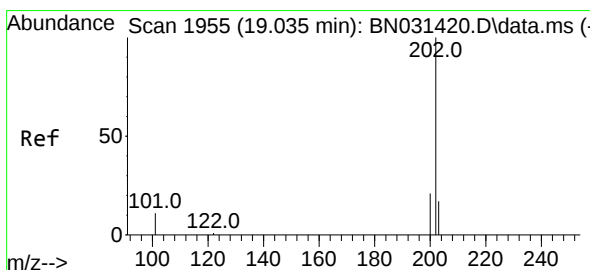
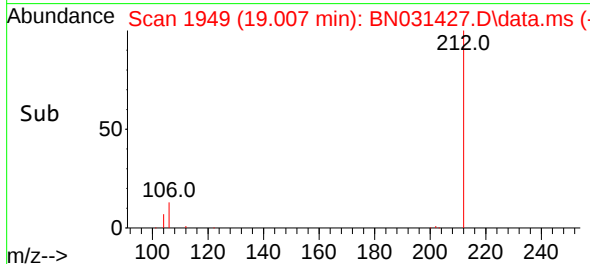
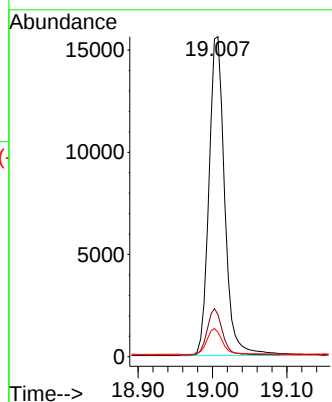
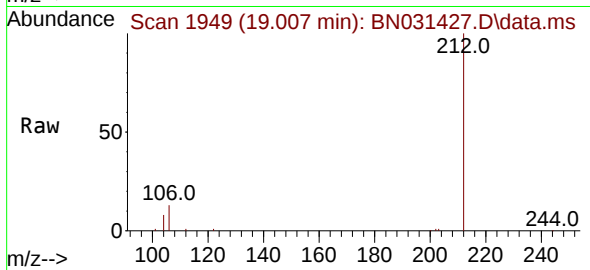
PB160745BS

Tgt Ion:212 Resp: 2291
Ion Ratio Lower Upper
212 100
106 14.1 11.5 17.3
104 8.2 6.4 9.6

Manual Integrations

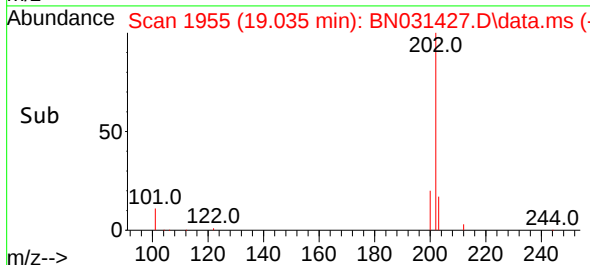
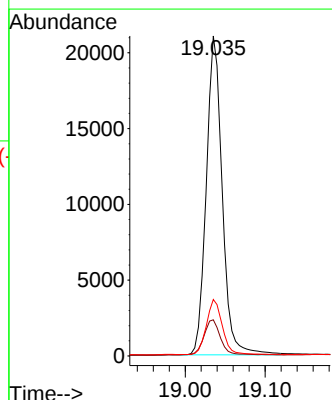
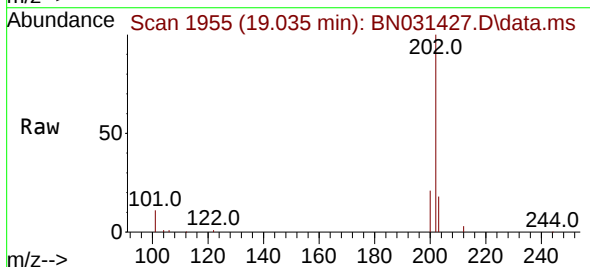
APPROVED

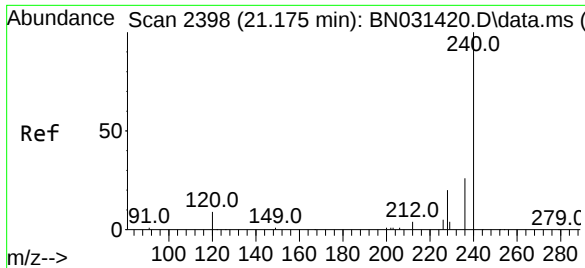
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#28
Fluoranthene
Concen: 0.364 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:202 Resp: 29201
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.166 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN031427.D

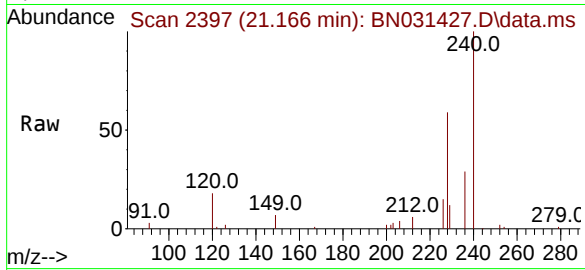
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



Tgt Ion:240 Resp: 15708

Ion Ratio Lower Upper

240 100

120 18.3 7.9 11.9

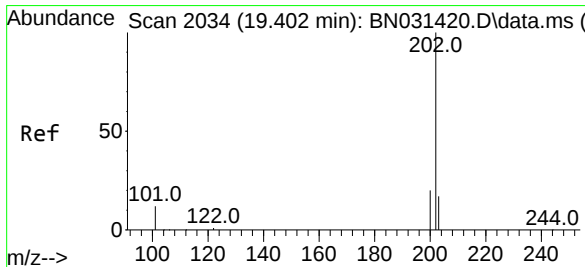
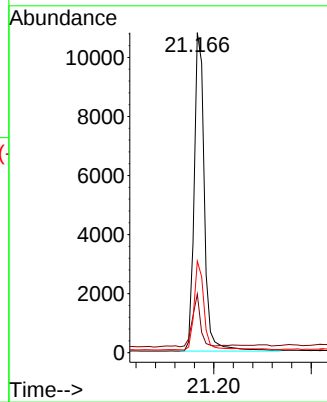
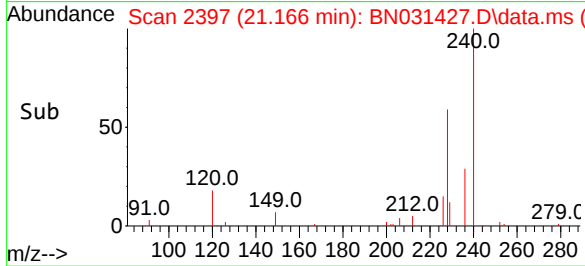
236 28.6 21.4 32.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#30

Pyrene

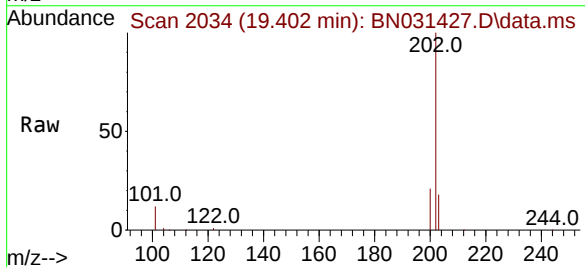
Concen: 0.554 ng

RT: 19.402 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BN031427.D

Acq: 07 May 2024 18:17



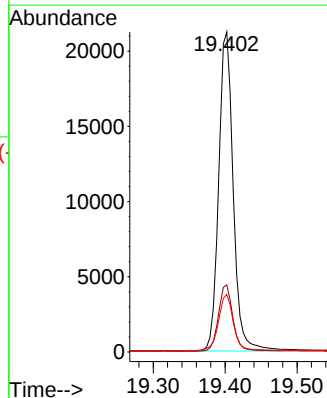
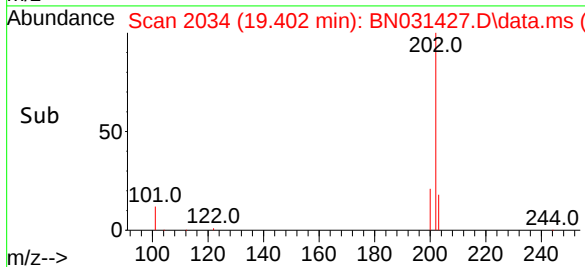
Tgt Ion:202 Resp: 29766

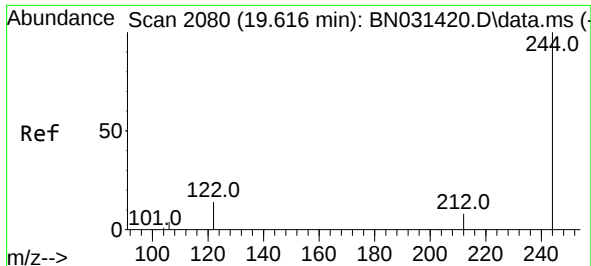
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 18.1 14.3 21.5





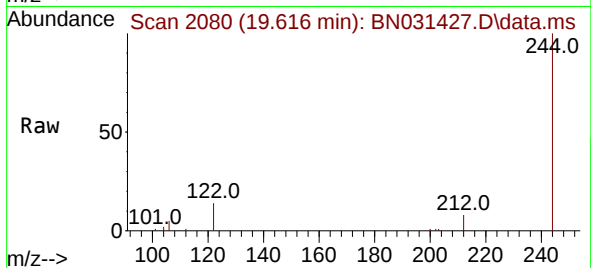
#31
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 19.616 min Scan# 2080
 Delta R.T. 0.000 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



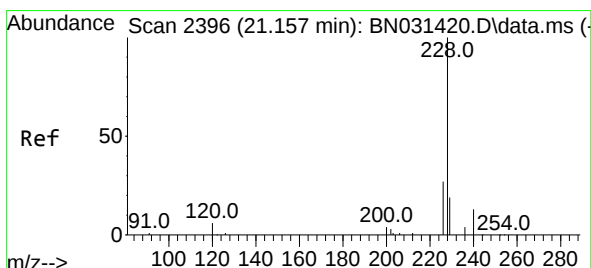
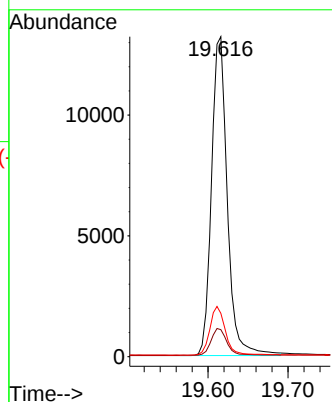
Tgt Ion:244 Resp: 1810
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 13.6 11.4 17.2

Manual Integrations

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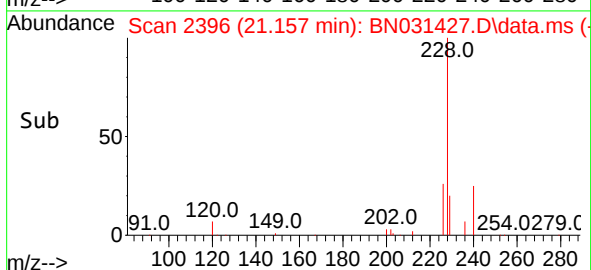
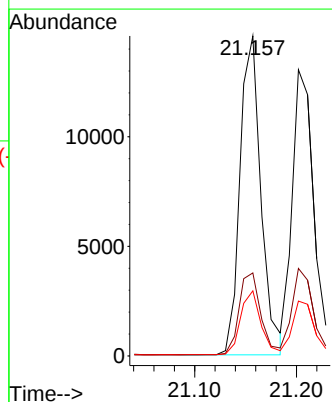
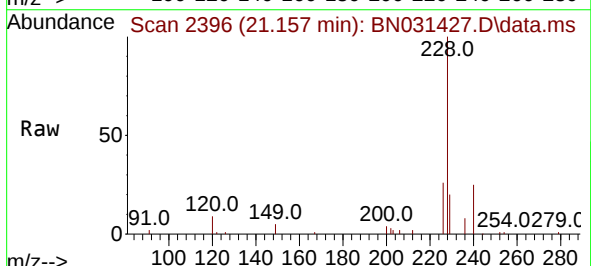
Reviewed By :Yogesh Patel 05/08/2024

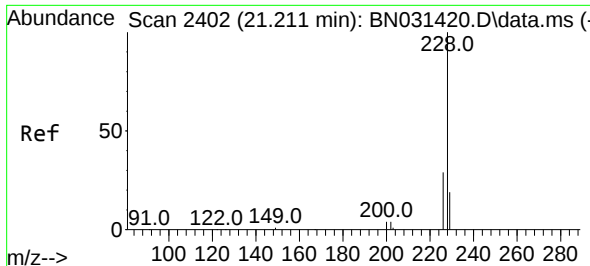
Supervised By :mohammad ahmed 05/08/2024



#32
 Benzo(a)anthracene
 Concen: 0.384 ng
 RT: 21.157 min Scan# 2396
 Delta R.T. 0.000 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

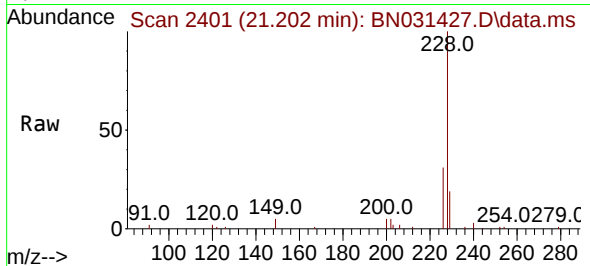
Tgt Ion:228 Resp: 20851
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.8 32.6
 229 20.3 15.6 23.4





#33
Chrysene
Concen: 0.336 ng
RT: 21.202 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

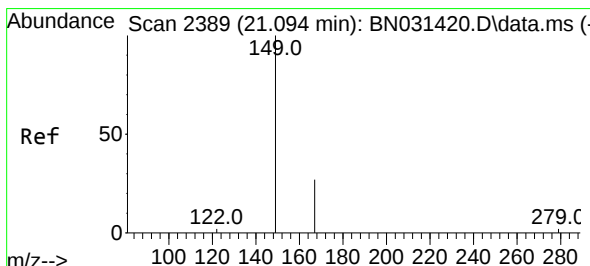
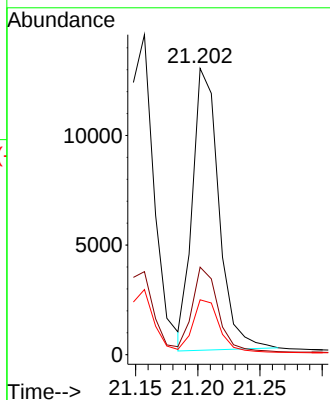
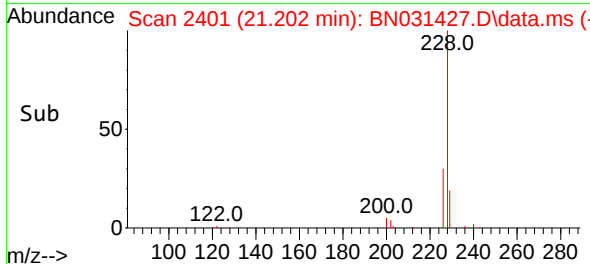
Instrument :
BNA_N
ClientSampleId :
PB160745BS



Tgt Ion: 228 Resp: 1900
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 19.1 15.8 23.8

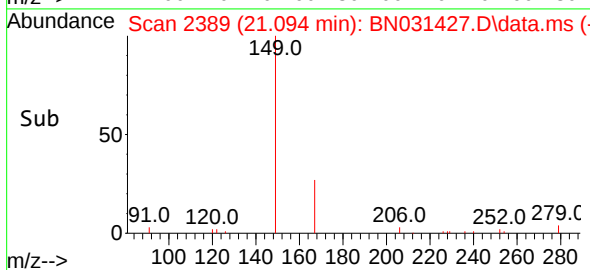
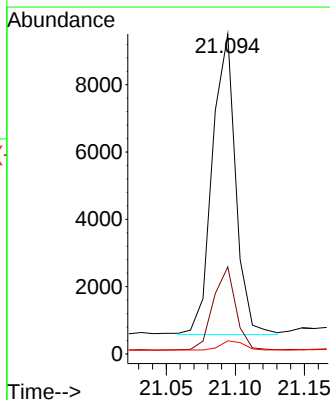
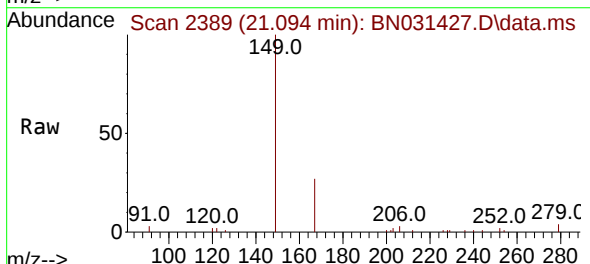
Manual Integrations
APPROVED

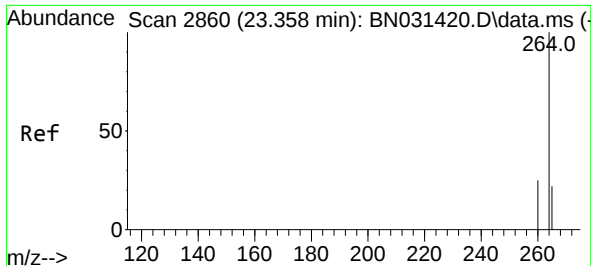
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng m
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 149 Resp: 10481
Ion Ratio Lower Upper
149 100
167 28.1 23.0 34.4
279 12.1 3.2 4.8





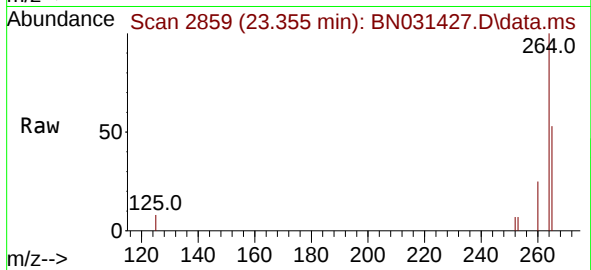
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.355 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS

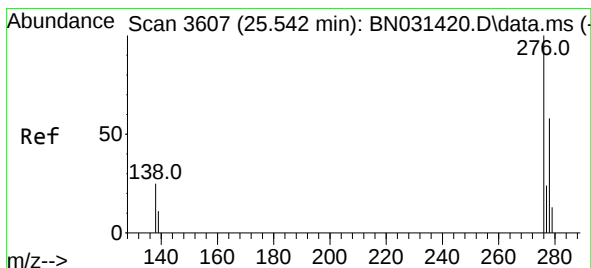
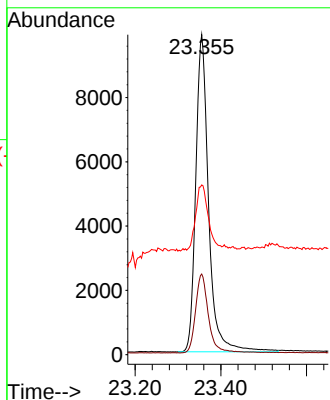
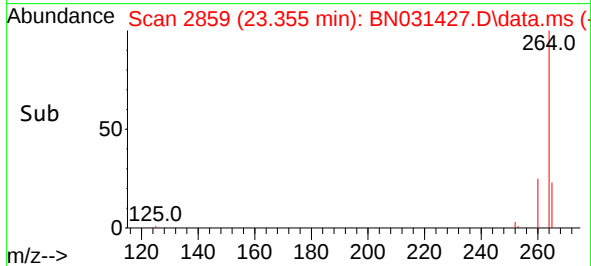


Tgt Ion:264 Resp: 2053
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.4
 265 53.0 43.4 65.2

Manual Integrations

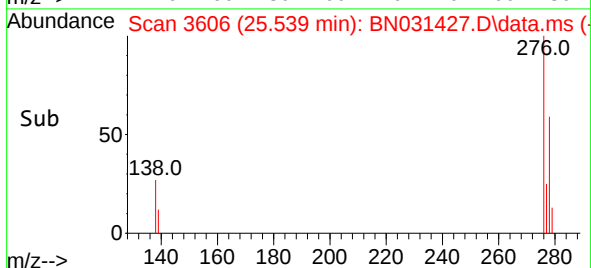
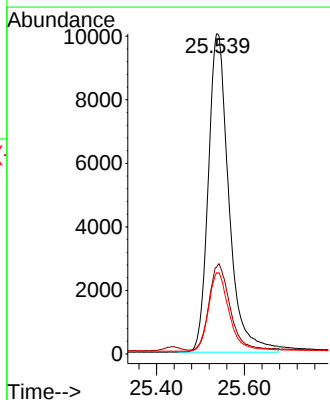
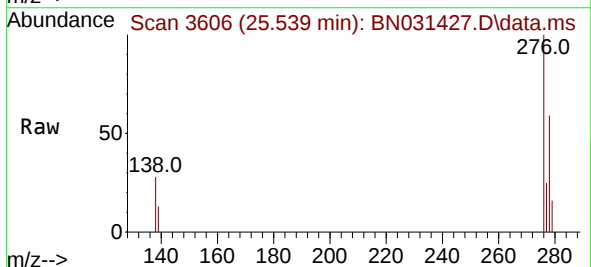
APPROVED

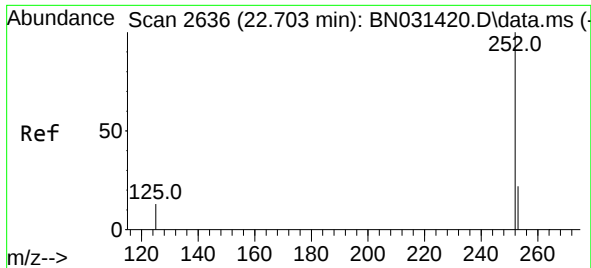
Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng
 RT: 25.539 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: BN031427.D
 Acq: 07 May 2024 18:17

Tgt Ion:276 Resp: 32609
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.5 32.3
 277 24.9 19.8 29.8





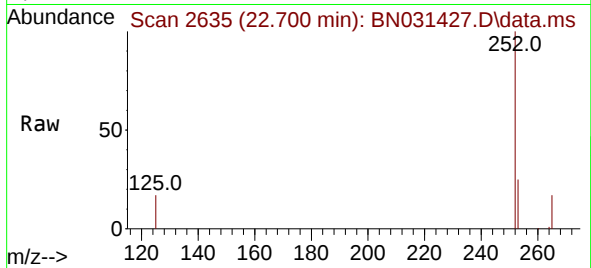
#37
Benzo(b)fluoranthene
Concen: 0.269 ng
RT: 22.700 min Scan# 2635
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



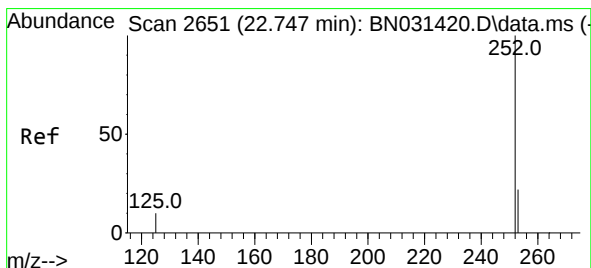
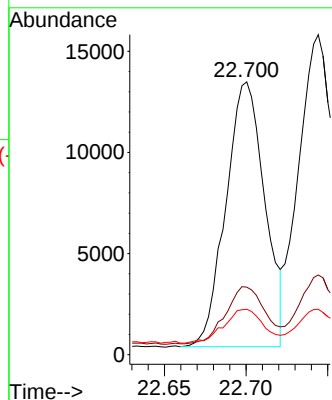
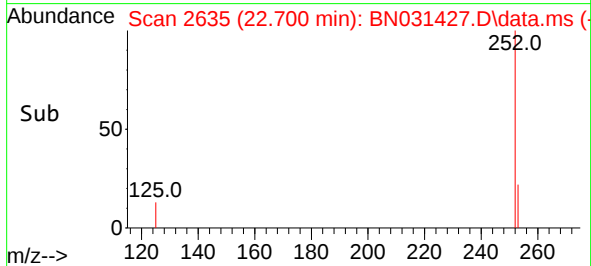
Tgt Ion:252 Resp: 2169
Ion Ratio Lower Upper
252 100
253 24.7 19.5 29.3
125 16.7 12.9 19.3

Manual Integrations

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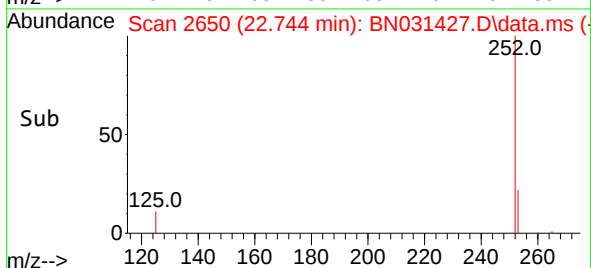
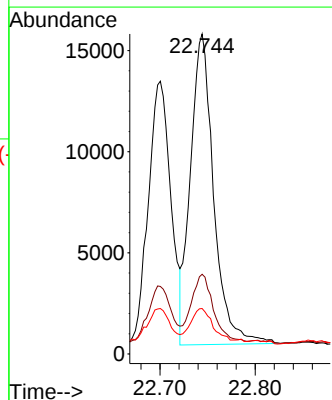
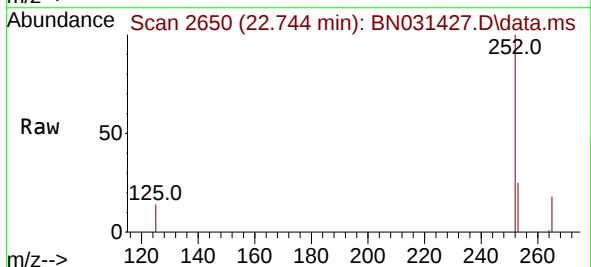
Reviewed By :Yogesh Patel 05/08/2024

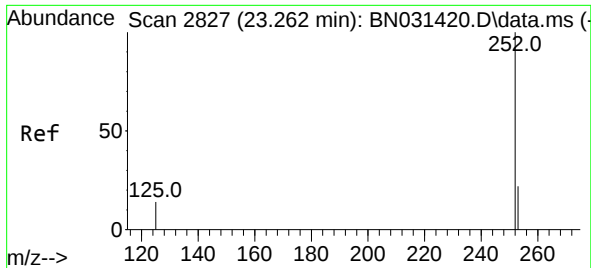
Supervised By :mohammad ahmed 05/08/2024



#38
Benzo(k)fluoranthene
Concen: 0.330 ng
RT: 22.744 min Scan# 2650
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:252 Resp: 26034
Ion Ratio Lower Upper
252 100
253 24.9 19.5 29.3
125 14.2 11.5 17.3





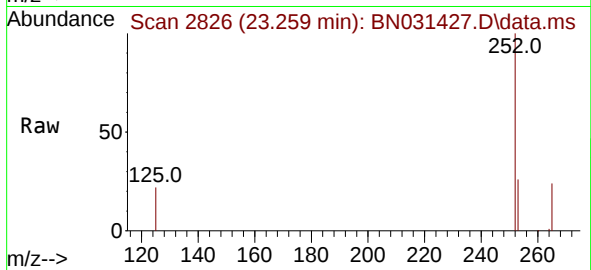
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.259 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



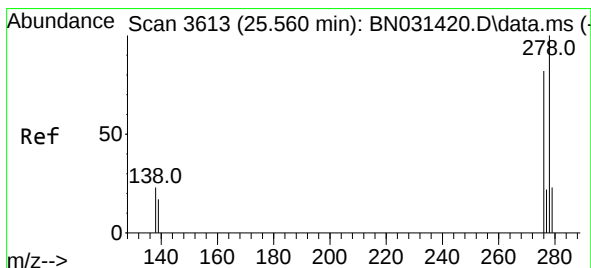
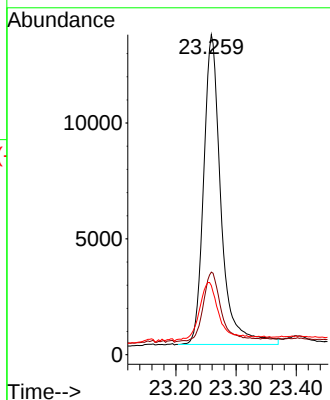
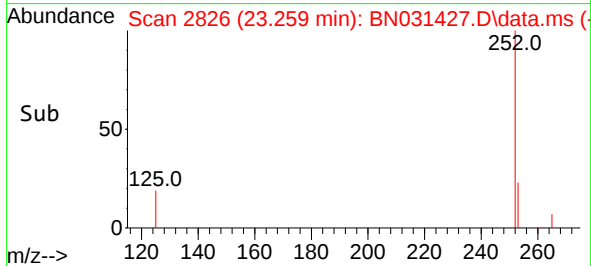
Tgt Ion:252 Resp: 2676
Ion Ratio Lower Upper
252 100
253 25.8 20.8 31.2
125 21.6 15.2 22.8

Manual Integrations

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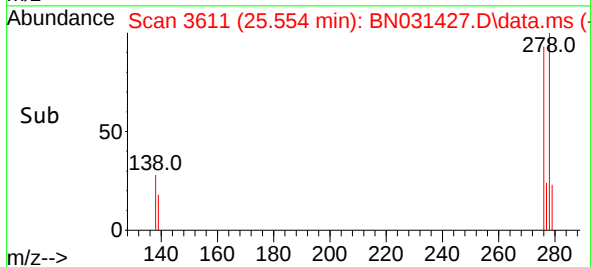
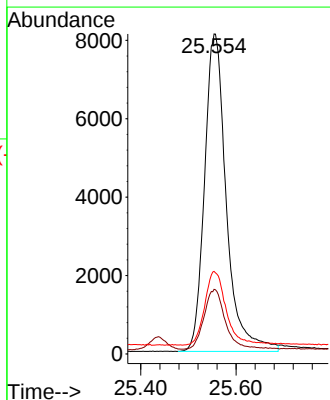
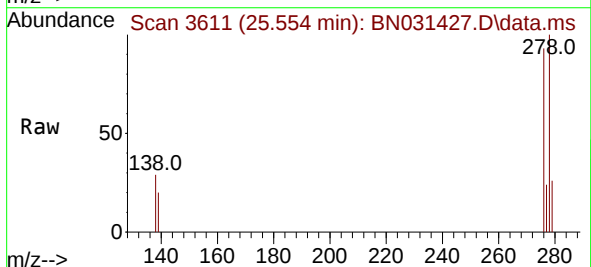
Reviewed By :Yogesh Patel 05/08/2024

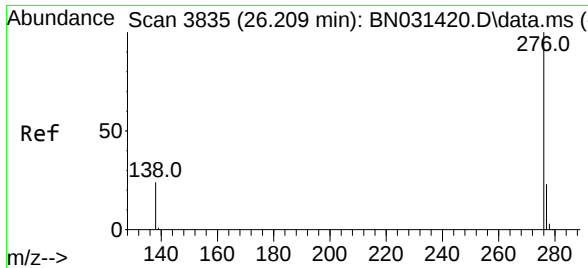
Supervised By :mohammad ahmed 05/08/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.554 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:278 Resp: 25724
Ion Ratio Lower Upper
278 100
139 20.2 14.7 22.1
279 25.8 20.6 31.0





#41

Benzo(g,h,i)perylene

Concen: 0.434 ng

RT: 26.206 min Scan# 3834

Delta R.T. -0.003 min

Lab File: BN031427.D

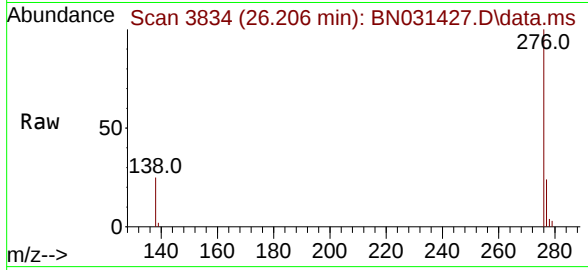
Acq: 07 May 2024 18:17

Instrument :

BNA_N

ClientSampleId :

PB160745BS



Tgt Ion:276 Resp: 28780

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 25.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024

