

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032872.D
 Acq On : 20 Jul 2024 10:27
 Operator : MA/JU
 Sample : P3238-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BG0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:43:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4921	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.293	136	15024	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.178	164	8244	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	13981m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.158	240	11515m	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	13072m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	13869	2.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	3664	0.161	ng/ul	-0.03
18) Fluoranthene-d10	18.984	212	5691	0.152	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	5286	0.131	ng/ul	97
7) 2-Methylnaphthalene	11.975	142	2195	0.087	ng/ul	98
8) 1-Methylnaphthalene	12.195	142	2074	0.080	ng/ul	98
10) Acenaphthylene	13.900	152	4041	0.121	ng/ul#	91
11) Acenaphthene	14.243	153	8813	0.320	ng/ul	99
12) Fluorene	15.237	166	6302	0.200	ng/ul	99
15) Phenanthrene	16.981	178	96915m	2.545	ng/ul	
16) Anthracene	17.074	178	20822m	0.669	ng/ul	
19) Fluoranthene	19.011	202	142536	3.044	ng/ul	99
20) Pyrene	19.379	202	106843	2.205	ng/ul	99
21) Benzo(a)anthracene	21.143	228	62162	1.696	ng/ul	97
22) Chrysene	21.193	228	67535m	1.274	ng/ul	
24) Benzo(b)fluoranthene	22.695	252	87250m	1.892	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	34362m	0.611	ng/ul	
26) Benzo(a)pyrene	23.250	252	39754	0.996	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.554	276	34603	0.640	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.551	278	11339	0.271	ng/ul#	55
29) Benzo(g,h,i)perylene	26.238	276	5459	0.121	ng/ul#	43

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

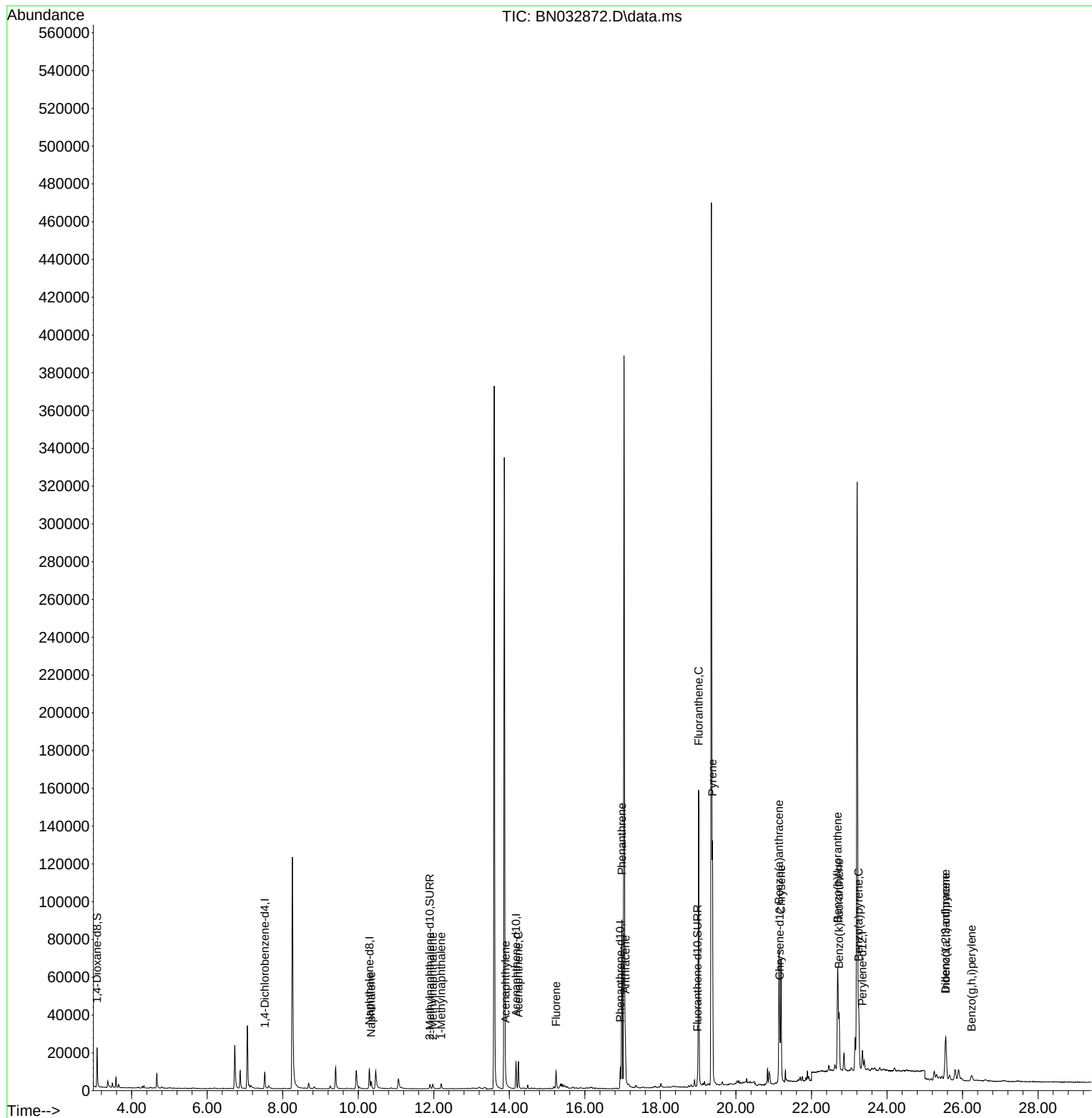
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032872.D
Acq On : 20 Jul 2024 10:27
Operator : MA/JU
Sample : P3238-14
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ALS Vial : 36 Sample Multiplier: 1

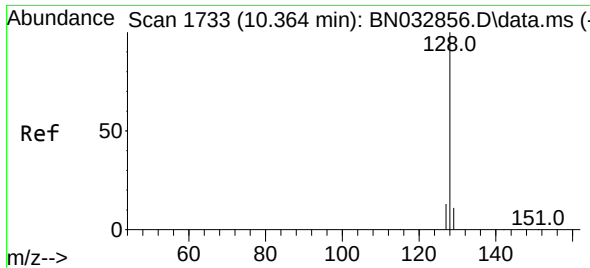
Instrument :
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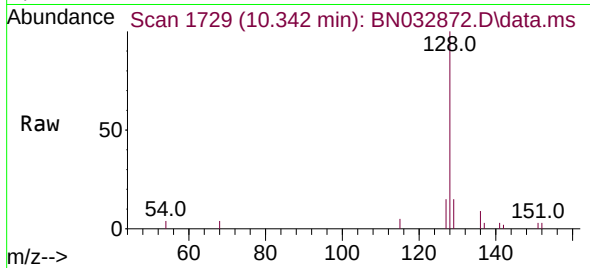
Quant Time: Jul 21 22:43:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.342 min Scan# 11
Delta R.T. -0.022 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

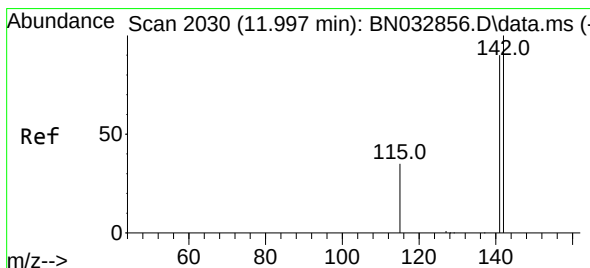
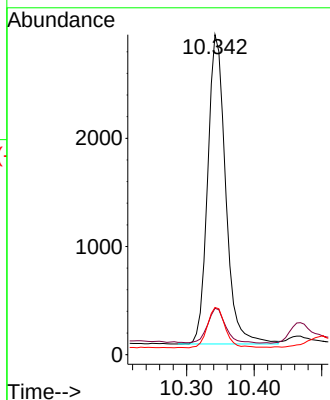
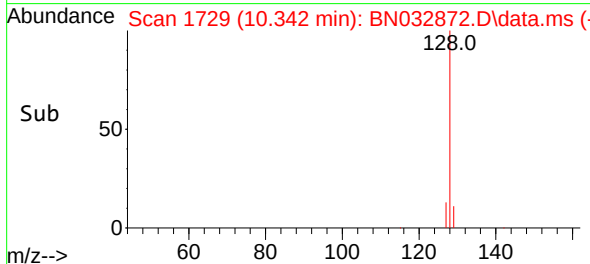
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:128 Resp: 5280
Ion Ratio Lower Upper
128 100
129 14.5 10.0 15.0
127 14.7 11.6 17.4

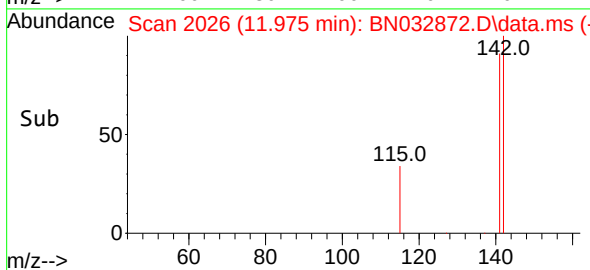
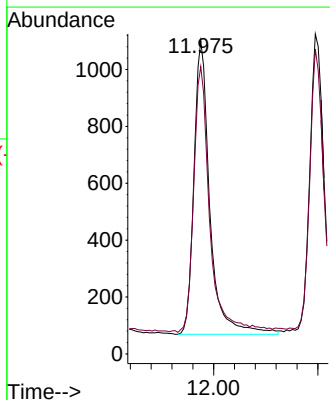
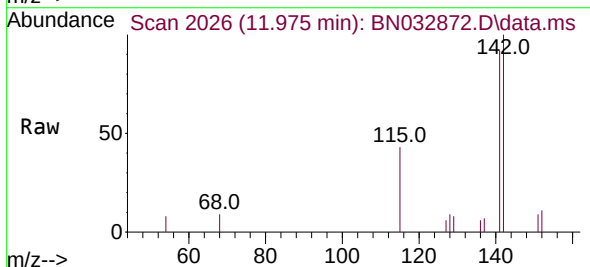
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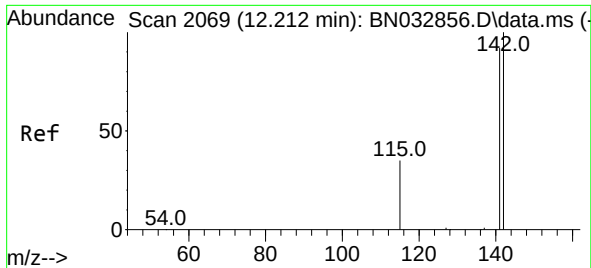
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.022 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

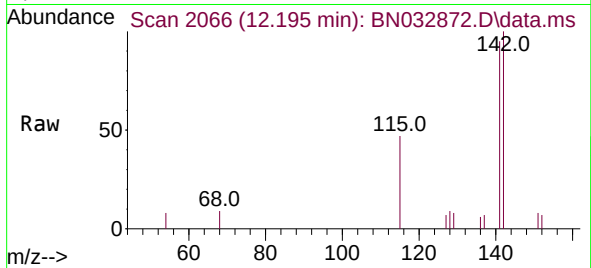
Tgt Ion:142 Resp: 2195
Ion Ratio Lower Upper
142 100
141 90.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.016 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

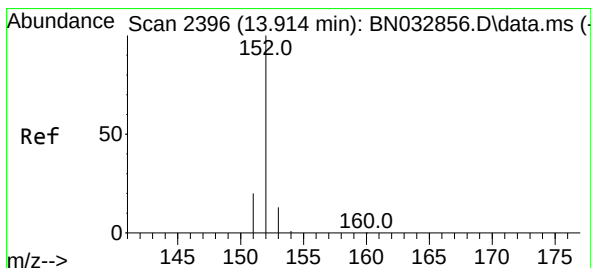
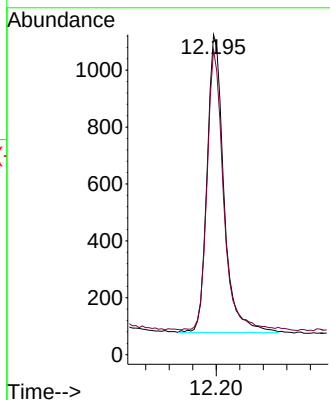
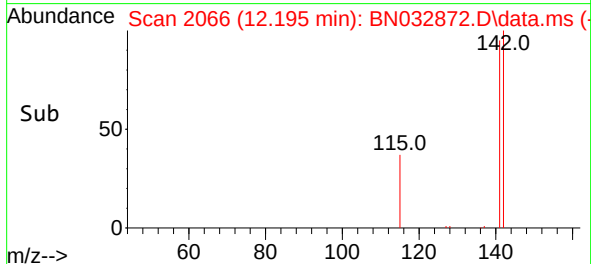
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:142 Resp: 2074
Ion Ratio Lower Upper
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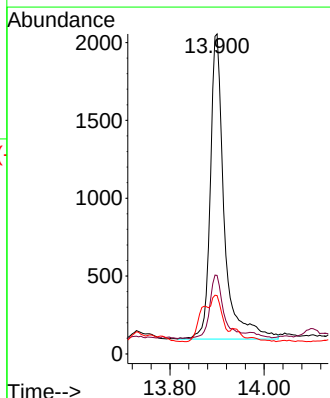
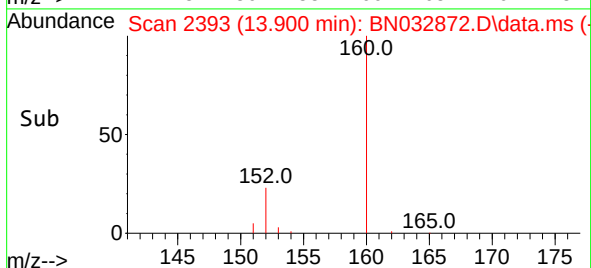
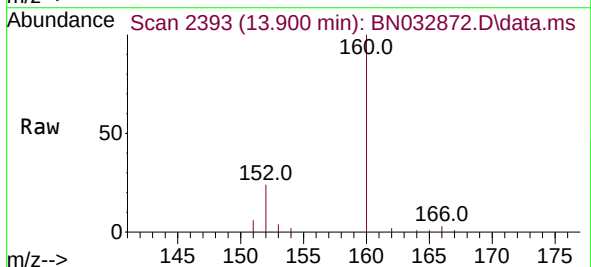
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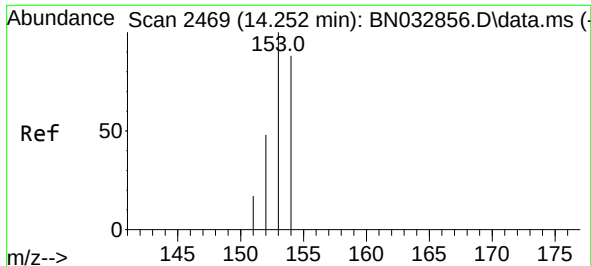
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.900 min Scan# 2393
Delta R.T. -0.014 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

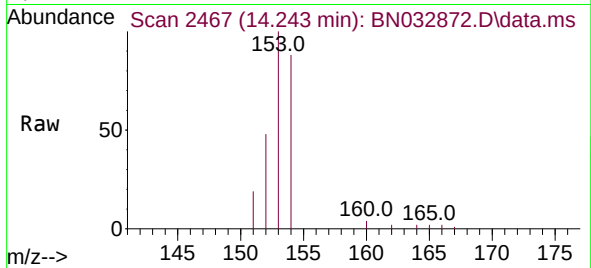
Tgt Ion:152 Resp: 4041
Ion Ratio Lower Upper
152 100
151 24.5 16.3 24.5#
153 18.2 11.3 16.9#





#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.009 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

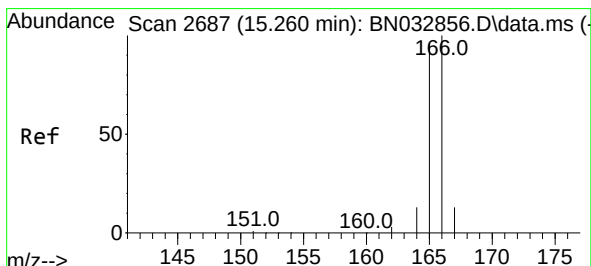
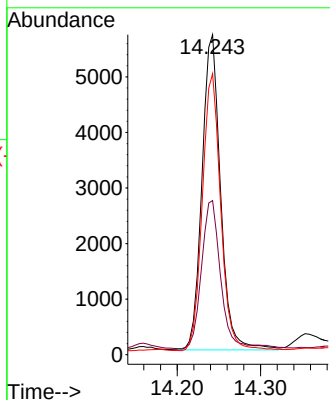
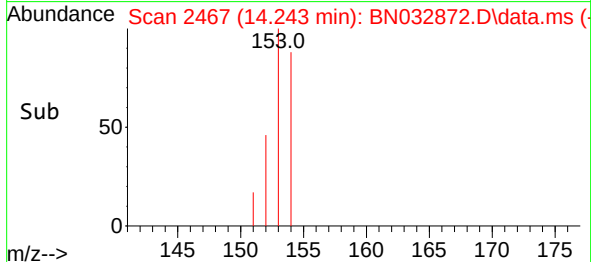
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:153 Resp: 881
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 87.8 70.2 105.4

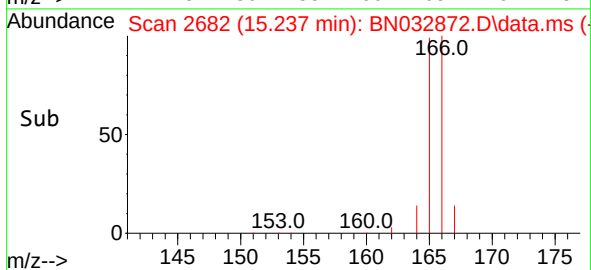
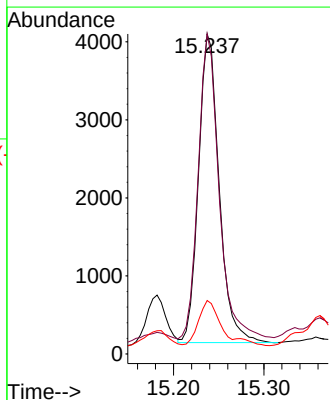
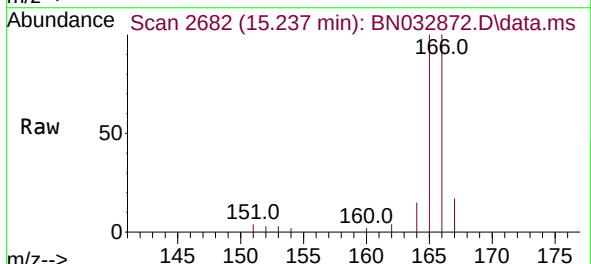
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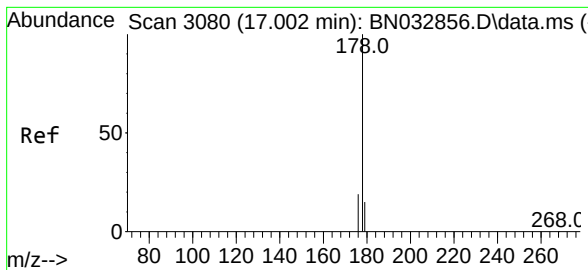
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.237 min Scan# 2682
Delta R.T. -0.023 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

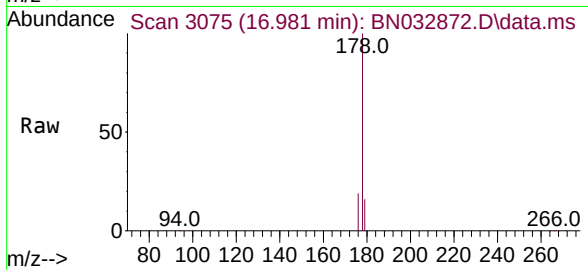
Tgt Ion:166 Resp: 6302
Ion Ratio Lower Upper
166 100
165 100.0 79.7 119.5
167 16.7 11.4 17.2





#15
Phenanthrene
Concen: 2.545 ng/ul m
RT: 16.981 min Scan# 3075
Delta R.T. -0.021 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

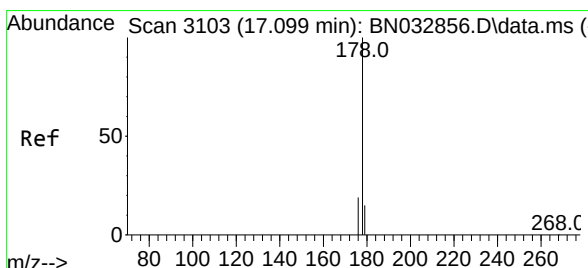
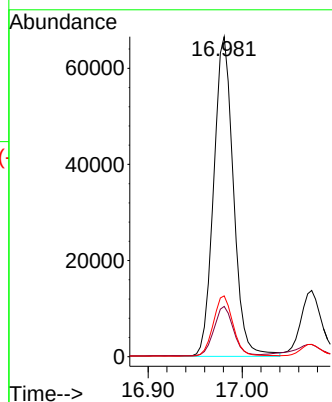
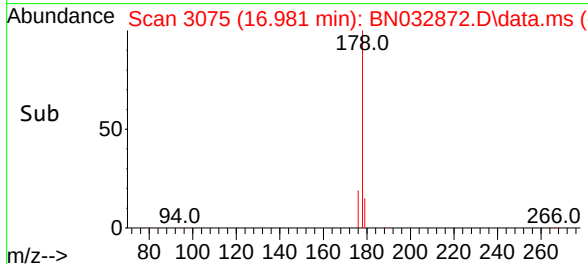
Instrument :
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ClientSampleId :
A4BG0



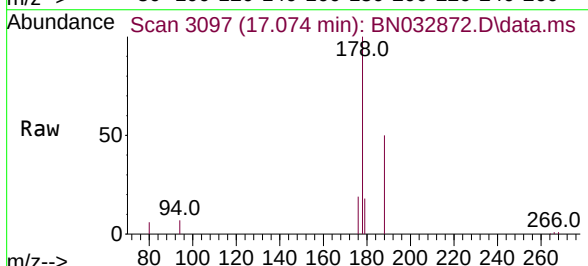
Tgt Ion:178 Resp: 9691
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.0 15.6 23.4

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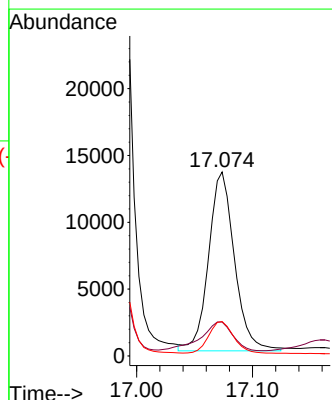
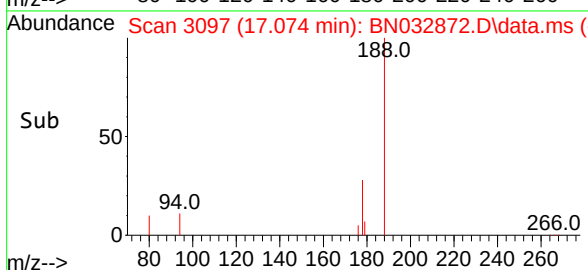
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

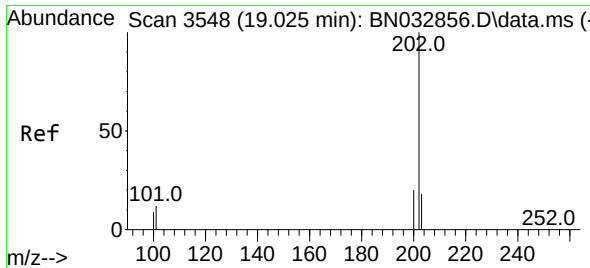


#16
Anthracene
Concen: 0.669 ng/ul m
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27



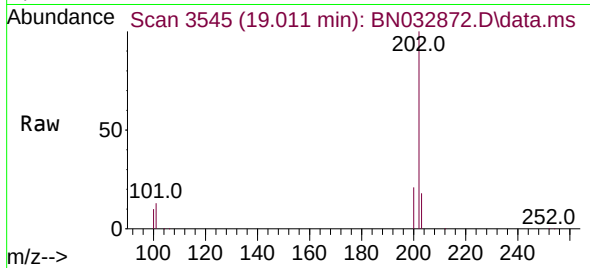
Tgt Ion:178 Resp: 20822
Ion Ratio Lower Upper
178 100
179 18.5 13.4 20.2
176 18.7 15.4 23.0





#19
Fluoranthene
Concen: 3.044 ng/ul
RT: 19.011 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

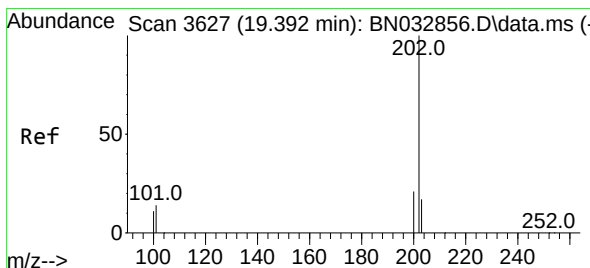
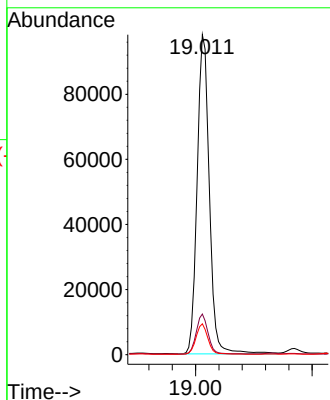
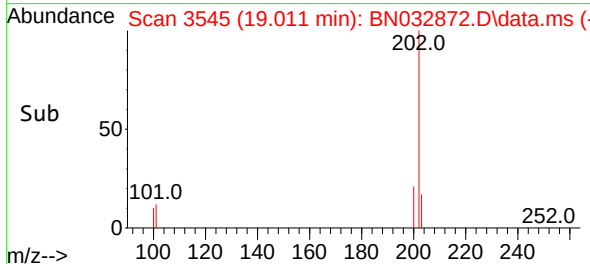
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:202 Resp: 142530
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.6 7.9 11.9

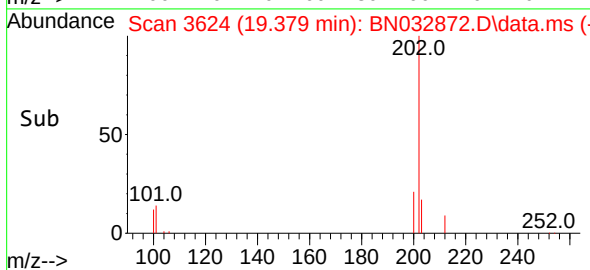
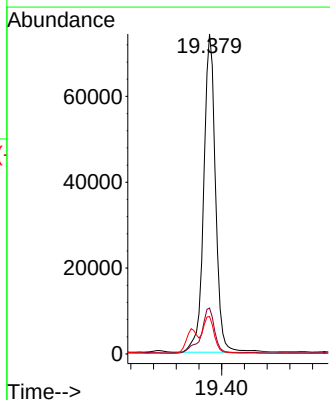
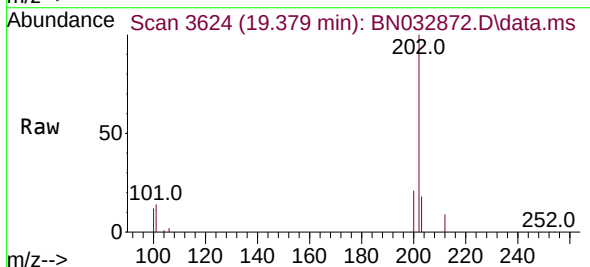
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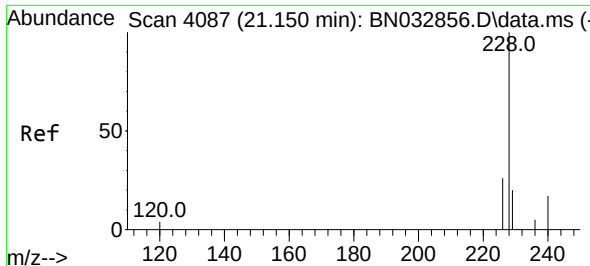
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 2.205 ng/ul
RT: 19.379 min Scan# 3624
Delta R.T. -0.014 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

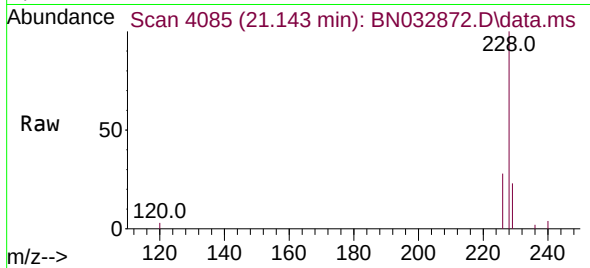
Tgt Ion:202 Resp: 106843
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.696 ng/ul
RT: 21.143 min Scan# 4087
Delta R.T. -0.007 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

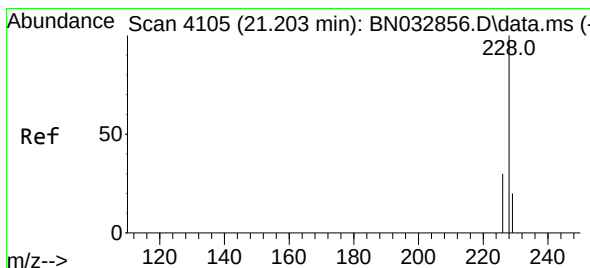
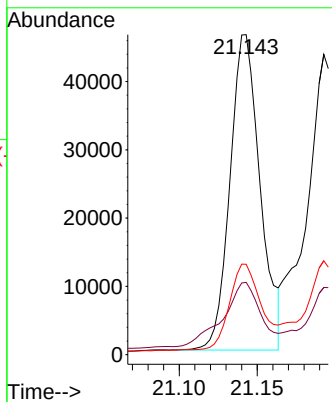
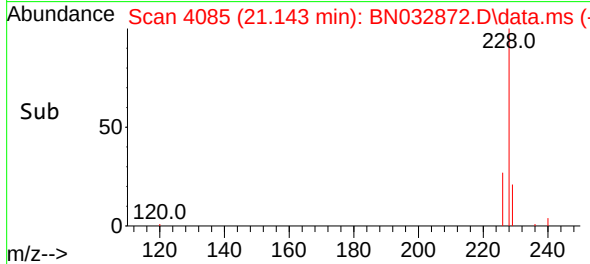
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:228 Resp: 62162
Ion Ratio Lower Upper
228 100
229 22.6 16.1 24.1
226 28.2 21.9 32.9

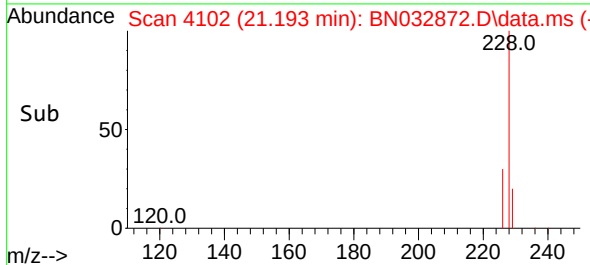
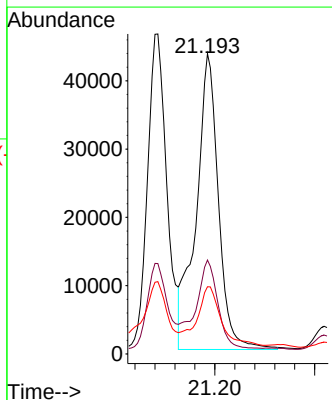
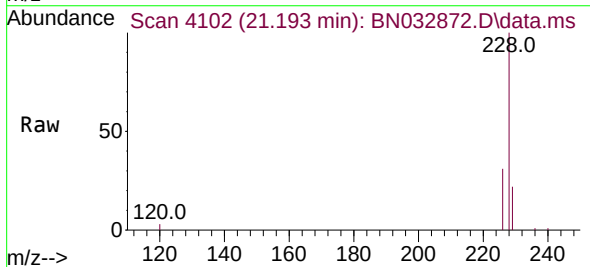
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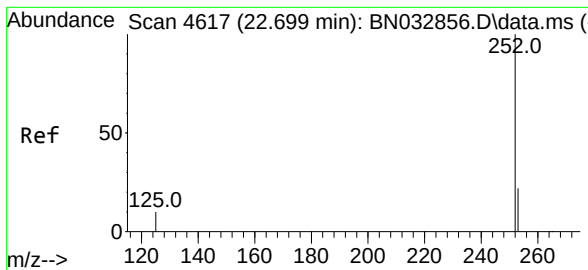
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 1.274 ng/ul m
RT: 21.193 min Scan# 4102
Delta R.T. -0.010 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

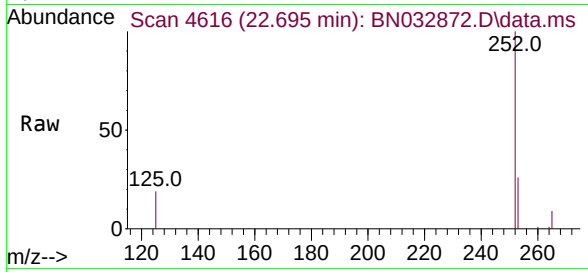
Tgt Ion:228 Resp: 67535
Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.892 ng/ul m
RT: 22.695 min Scan# 4616
Delta R.T. -0.004 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

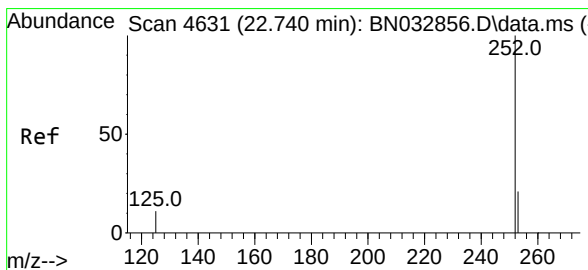
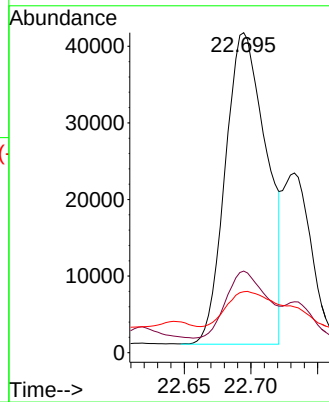
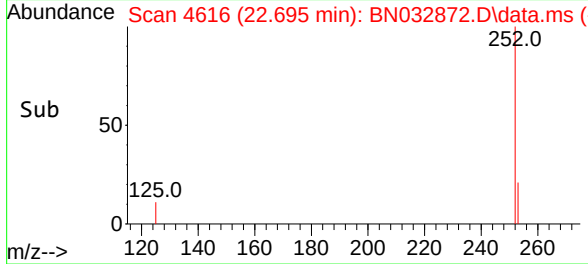
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:252 Resp: 87250
Ion Ratio Lower Upper
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253 25.5 0.0 54.0
125 19.1 0.0 36.0

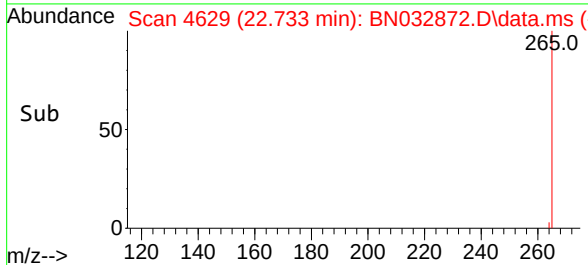
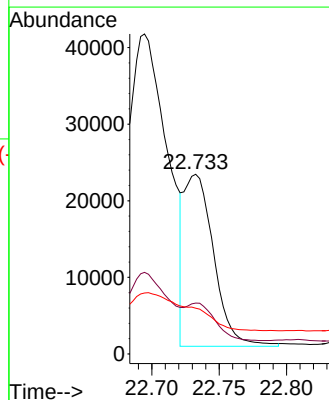
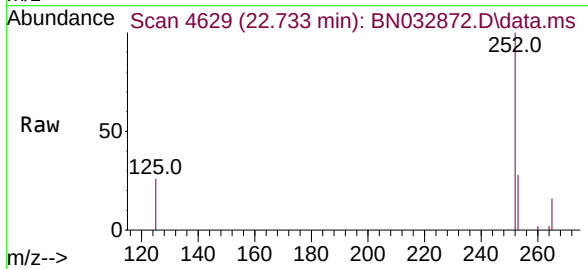
Manual Integrations
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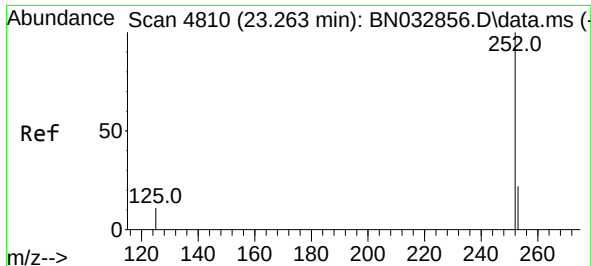
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.611 ng/ul m
RT: 22.733 min Scan# 4629
Delta R.T. -0.007 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

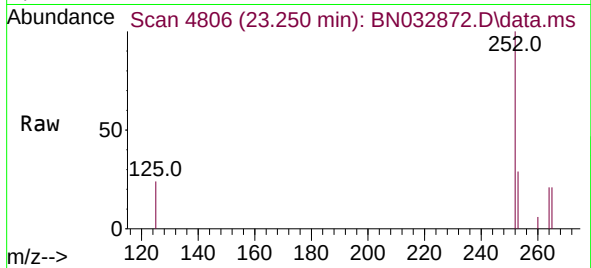
Tgt Ion:252 Resp: 34362
Ion Ratio Lower Upper
252 100
253 28.3 21.2 31.8
125 25.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.996 ng/ul
RT: 23.250 min Scan# 4810
Delta R.T. -0.013 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

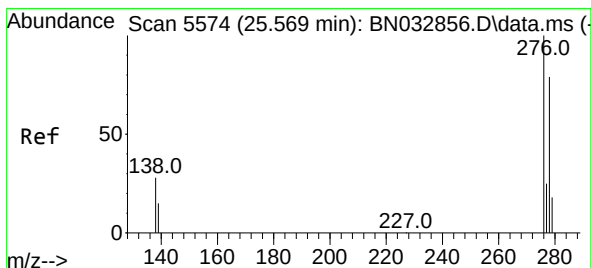
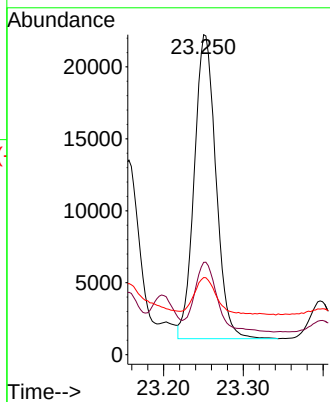
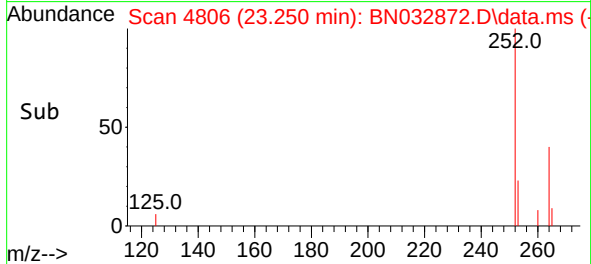
Instrument :
BNA_N
ClientSampleId :
A4BG0



Tgt Ion:252 Resp: 39754
Ion Ratio Lower Upper
252 100
253 28.8 25.4 38.0
125 24.1 20.6 30.8

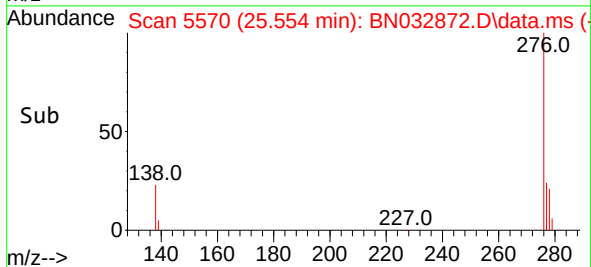
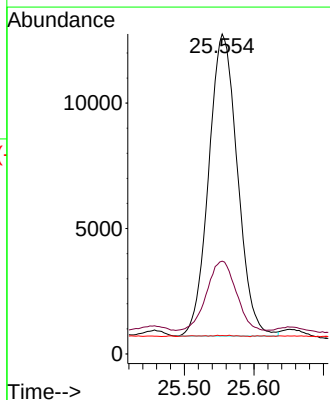
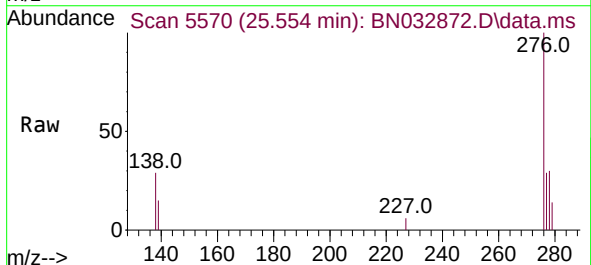
Manual Integrations
APPROVED

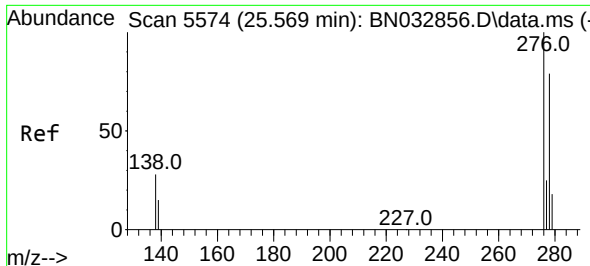
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.640 ng/ul
RT: 25.554 min Scan# 5570
Delta R.T. -0.015 min
Lab File: BN032872.D
Acq: 20 Jul 2024 10:27

Tgt Ion:276 Resp: 34603
Ion Ratio Lower Upper
276 100
138 24.4 21.6 32.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.271 ng/ul

RT: 25.551 min Scan# 51

Delta R.T. -0.018 min

Lab File: BN032872.D

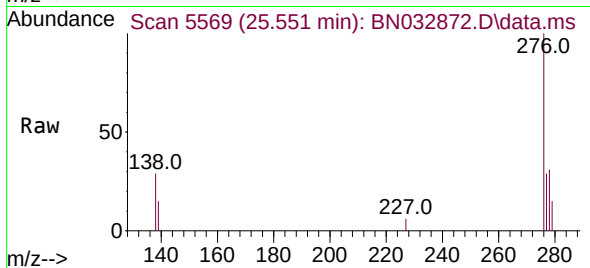
Acq: 20 Jul 2024 10:27

Instrument :

BNA_N

ClientSampleId :

A4BG0



Tgt Ion:278 Resp: 11339

Ion Ratio Lower Upper

278 100

139 49.0 16.6 24.8

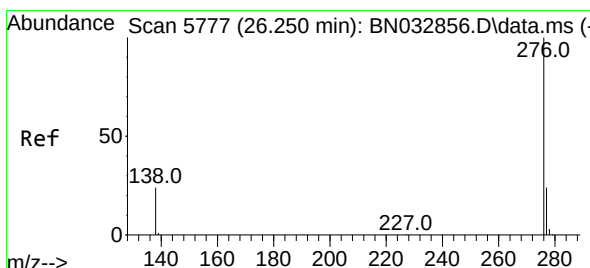
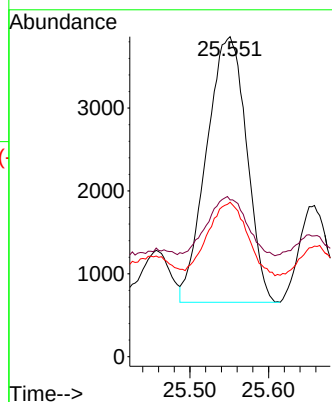
279 48.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2024

Supervised By :mohammad ahmed 07/22/2024



#29

Benzo(g,h,i)perylene

Concen: 0.121 ng/ul

RT: 26.238 min Scan# 5774

Delta R.T. -0.012 min

Lab File: BN032872.D

Acq: 20 Jul 2024 10:27

Tgt Ion:276 Resp: 5459

Ion Ratio Lower Upper

276 100

138 58.4 21.0 31.4#

277 51.9 20.6 31.0#

