

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
 Data File : BN028029.D
 Acq On : 04 Oct 2023 03:06
 Operator : MA/JU
 Sample : 04417-40DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYZE7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 04:26:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	21797	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	76940	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	44813	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	93167	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	58778	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	61716	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4952	0.181	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	1531	0.012	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	2843	0.015	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.817	128	9453	0.043	ng/ul	98
7) 2-Methylnaphthalene	12.423	142	14010	0.102	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	9953	0.070	ng/ul	99
15) Phenanthrene	17.388	178	56737	0.204	ng/ul	99
16) Anthracene	17.481	178	5775	0.023	ng/ul#	81
19) Fluoranthene	19.403	202	44401	0.198	ng/ul	99
20) Pyrene	19.771	202	30636m	0.132	ng/ul	
21) Benzo(a)anthracene	21.515	228	13188	0.061	ng/ul#	55
22) Chrysene	21.568	228	26771m	0.124	ng/ul	
24) Benzo(b)fluoranthene	23.237	252	22224m	0.097	ng/ul	
25) Benzo(k)fluoranthene	23.284	252	9396m	0.041	ng/ul	
26) Benzo(a)pyrene	23.892	252	12973	0.066	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.599	276	12424	0.053	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.609	278	4257	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	27.421	276	14250	0.074	ng/ul#	34

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

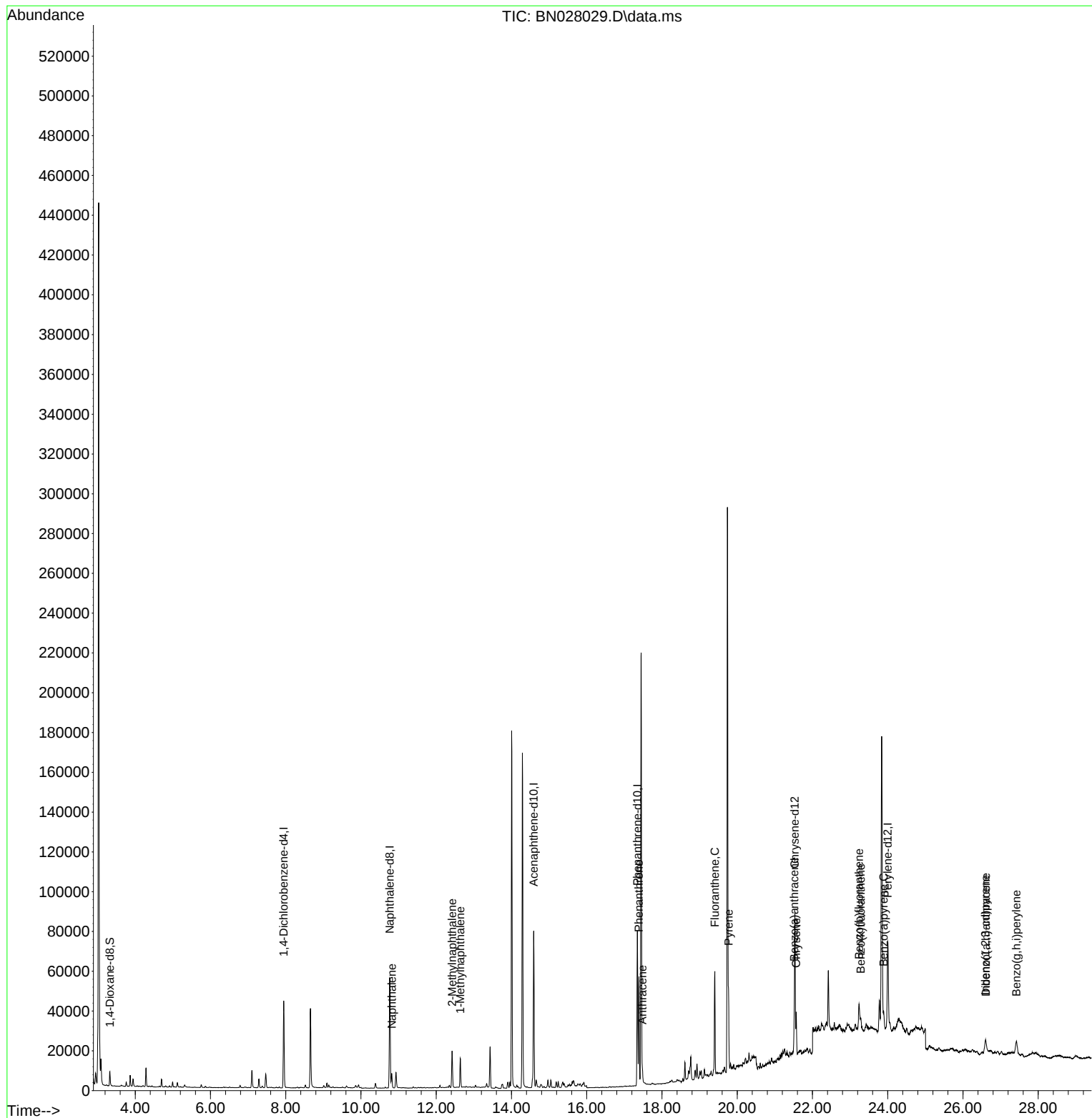
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100323\
Data File : BN028029.D
Acq On : 04 Oct 2023 03:06
Operator : MA/JU
Sample : 04417-40DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

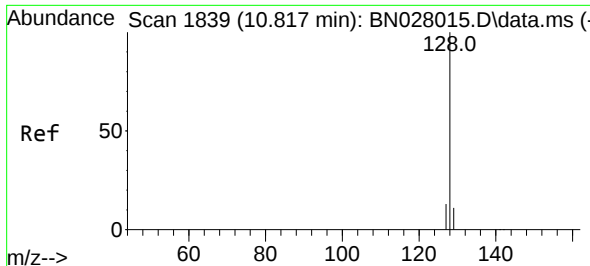
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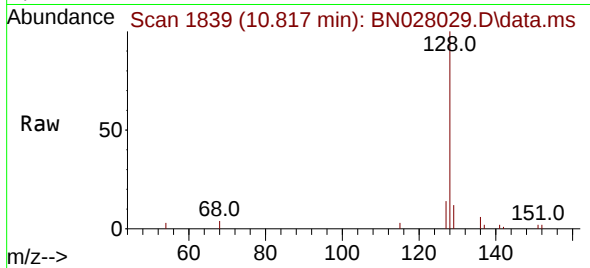
Quant Time: Oct 04 04:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.817 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

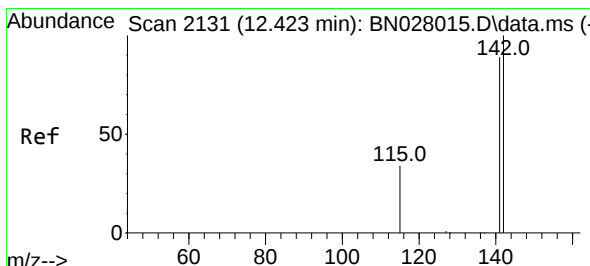
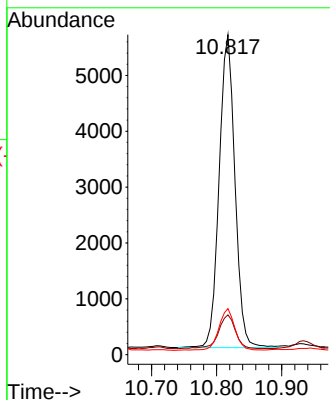
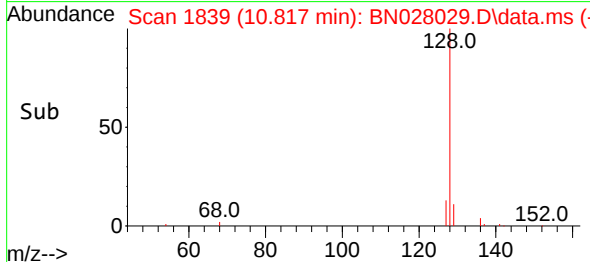
Instrument :
BNA_N
ClientSampleId :
EZY7DL



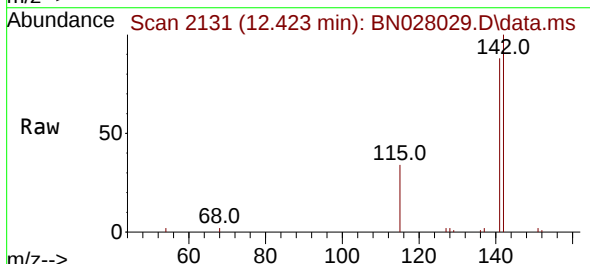
Tgt Ion:128 Resp: 945
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.4 11.0 16.4

Manual Integrations
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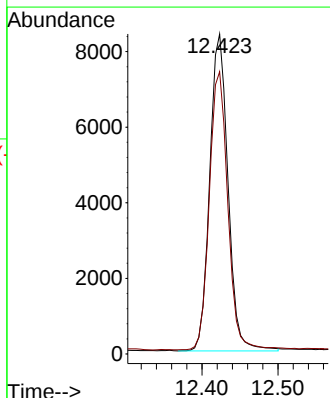
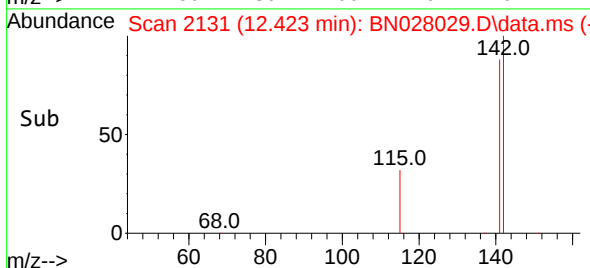
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

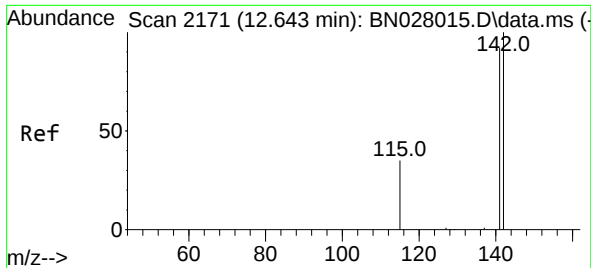


#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.423 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06



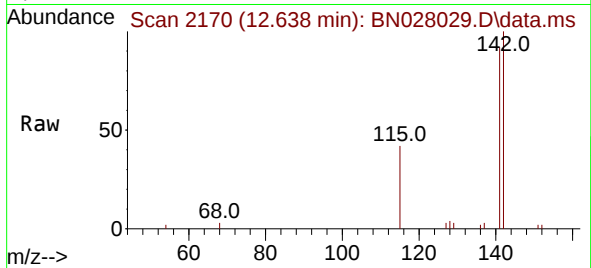
Tgt Ion:142 Resp: 14010
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

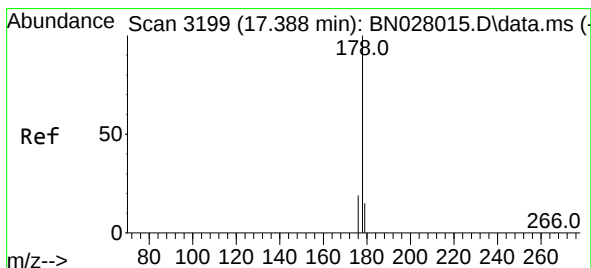
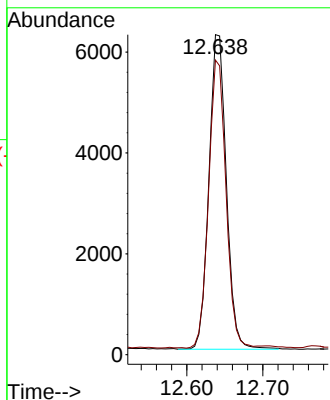
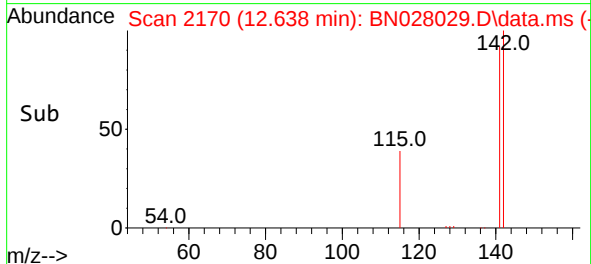
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:142 Resp: 995
Ion Ratio Lower Upper
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141 91.6 74.4 111.6

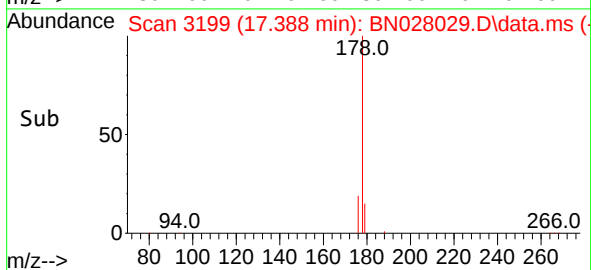
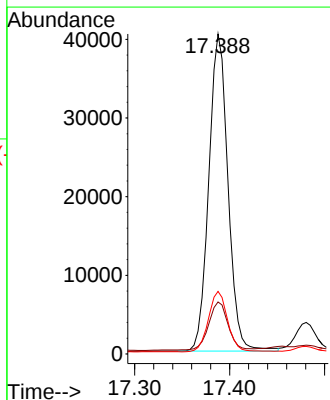
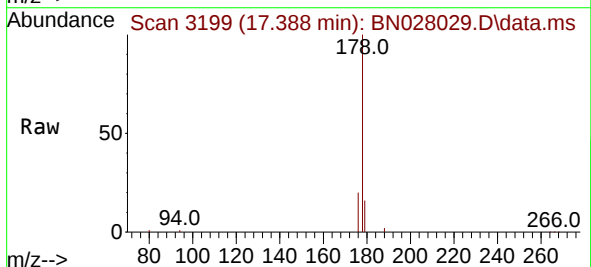
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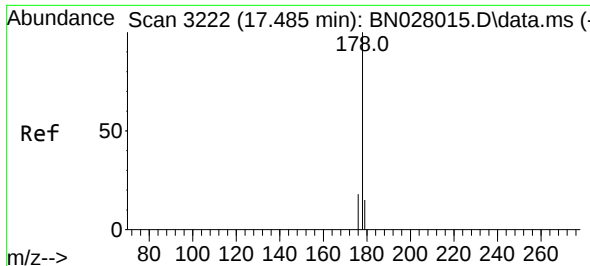
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.388 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

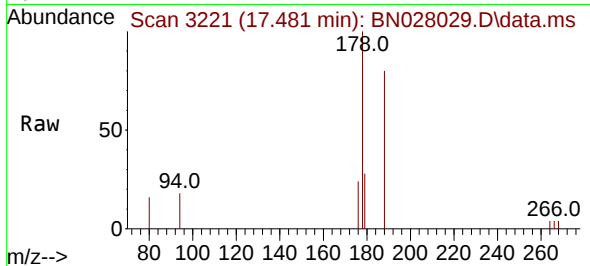
Tgt Ion:178 Resp: 56737
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.5 15.5 23.3





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.481 min Scan# 3221
 Delta R.T. -0.000 min
 Lab File: BN028029.D
 Acq: 04 Oct 2023 03:06

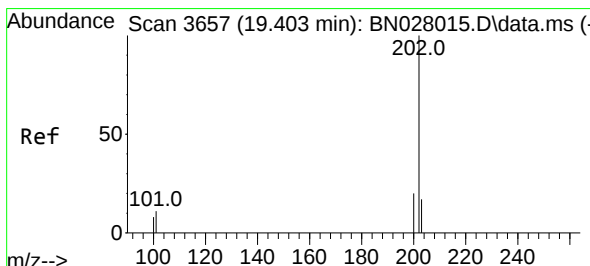
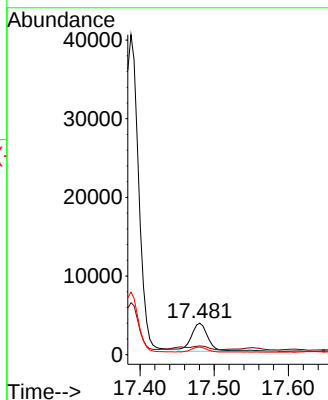
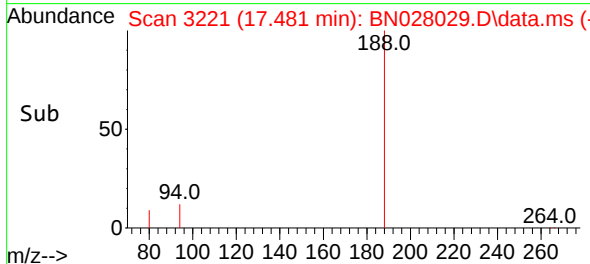
Instrument :
 BNA_N
 ClientSampleId :
 EYZE7DL



Tgt Ion:178 Resp: 5775
 Ion Ratio Lower Upper
 178 100
 179 28.2 12.8 19.2
 176 23.8 15.0 22.6

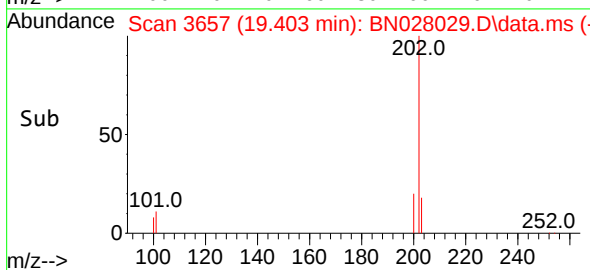
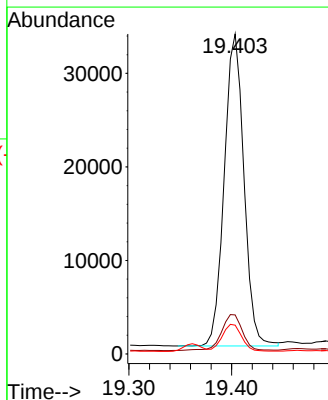
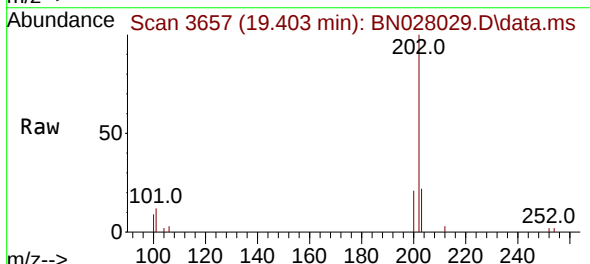
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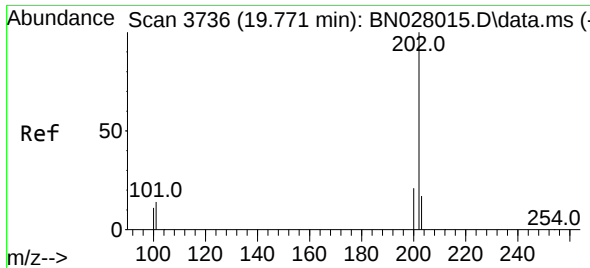
Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023



#19
 Fluoranthene
 Concen: 0.198 ng/ul
 RT: 19.403 min Scan# 3657
 Delta R.T. -0.000 min
 Lab File: BN028029.D
 Acq: 04 Oct 2023 03:06

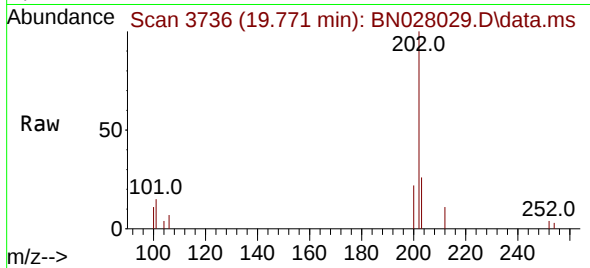
Tgt Ion:202 Resp: 44401
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.6 14.4
 100 9.0 7.4 11.0





#20
Pyrene
Concen: 0.132 ng/ul m
RT: 19.771 min Scan# 3736
Delta R.T. -0.000 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

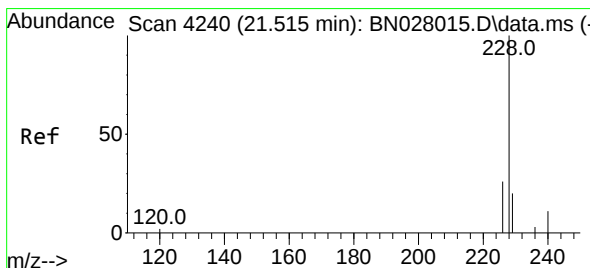
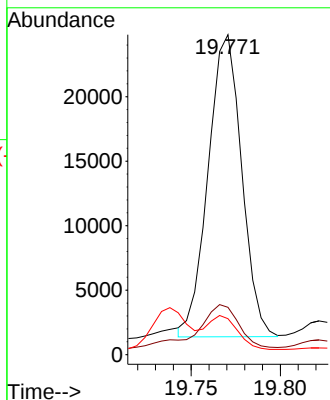
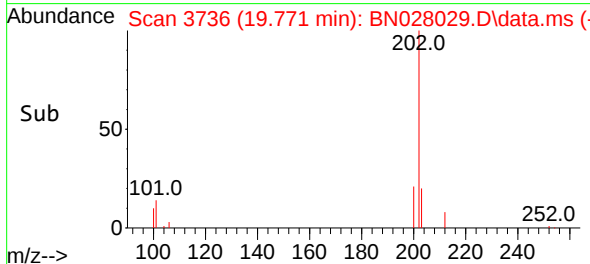
Instrument :
BNA_N
ClientSampleId :
EZY7DL



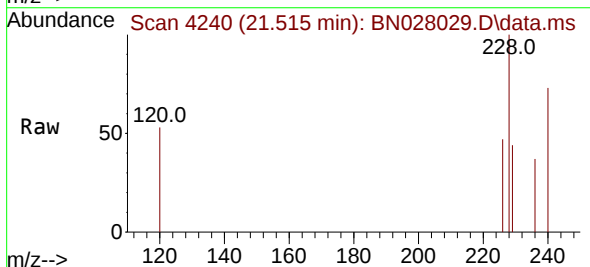
Tgt Ion:202 Resp: 30630
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 11.2 9.1 13.7

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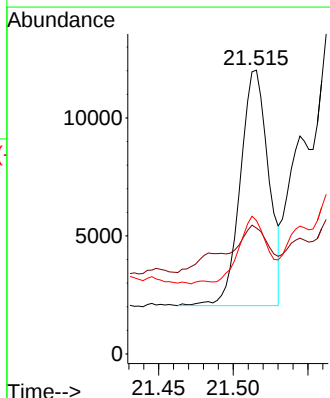
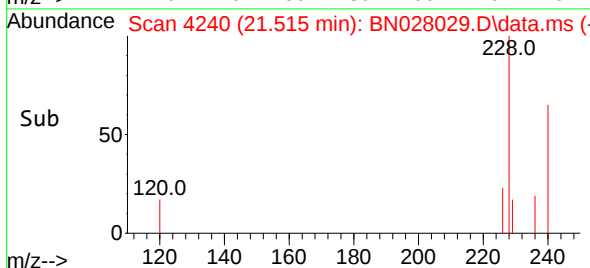
Reviewed By :Yogesh Patel 10/04/2023
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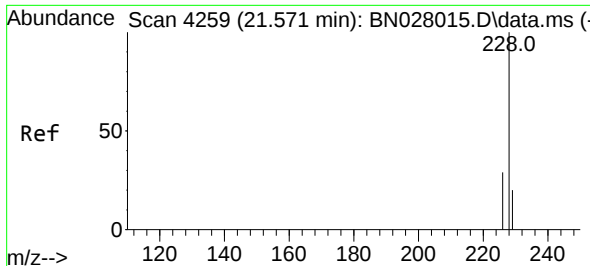


#21
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.515 min Scan# 4240
Delta R.T. -0.003 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06



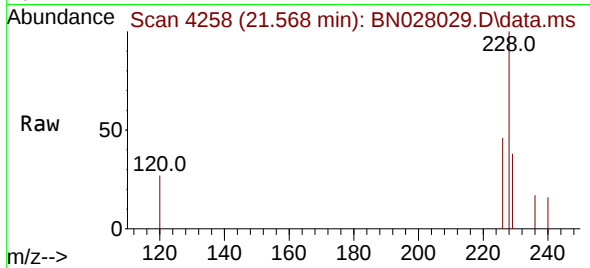
Tgt Ion:228 Resp: 13188
Ion Ratio Lower Upper
228 100
229 44.4 16.0 24.0#
226 47.0 21.5 32.3#





#22
Chrysene
Concen: 0.124 ng/ul m
RT: 21.568 min Scan# 4258
Delta R.T. -0.006 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

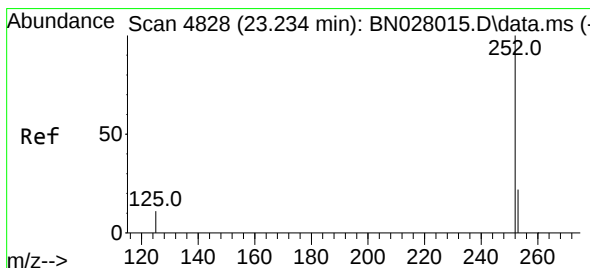
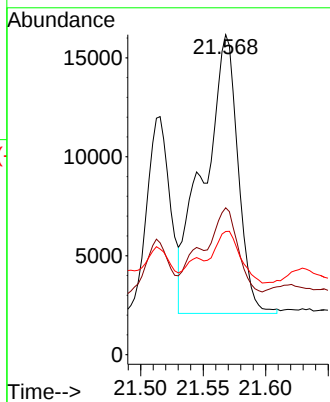
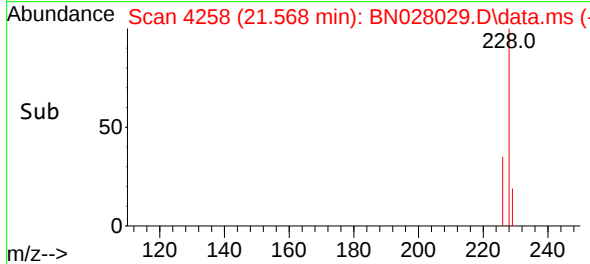
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 2677
Ion Ratio Lower Upper
228 100
226 45.9 23.8 35.8
229 38.5 16.0 24.0

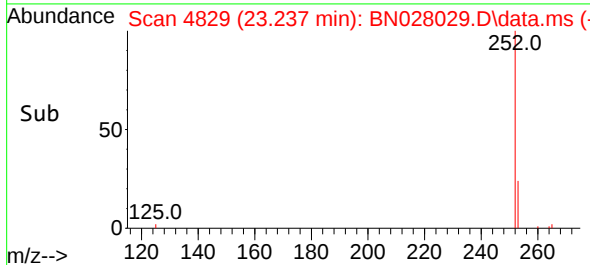
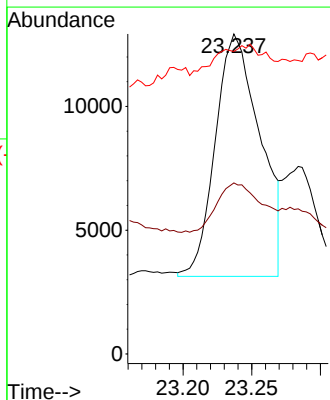
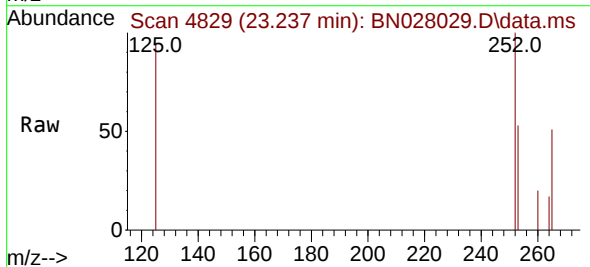
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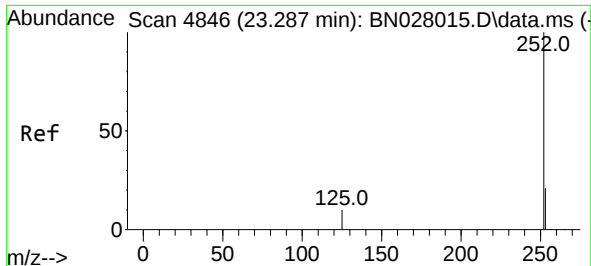
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.237 min Scan# 4829
Delta R.T. -0.003 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

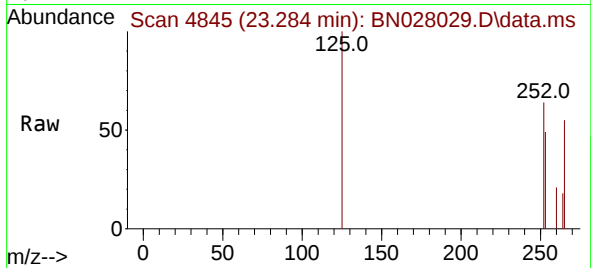
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Ion Ratio Lower Upper
252 100
253 53.4 0.0 54.0
125 94.6 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.284 min Scan# 4846
Delta R.T. -0.006 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

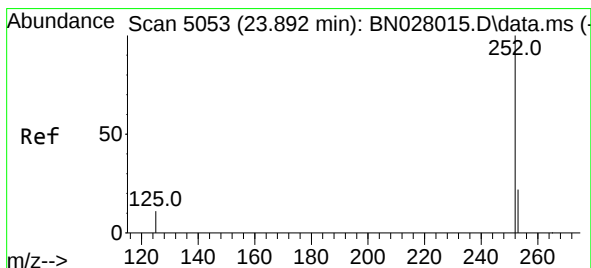
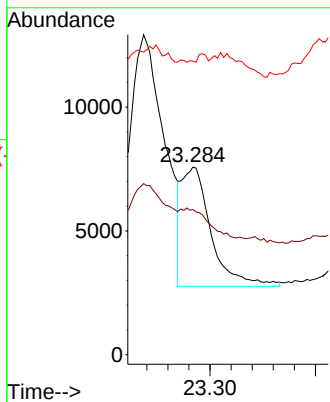
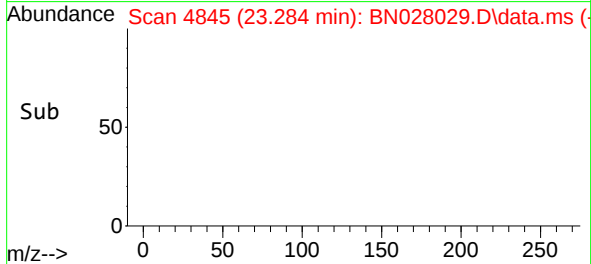
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:252 Resp: 9390
Ion Ratio Lower Upper
252 100
253 77.4 21.8 32.8#
125 156.5 12.8 19.2#

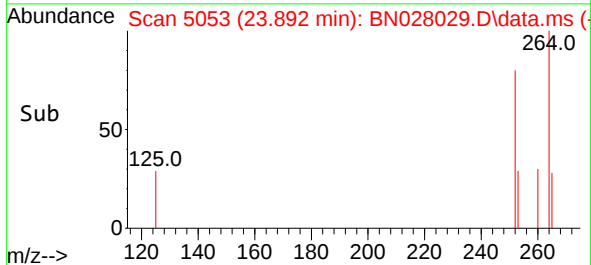
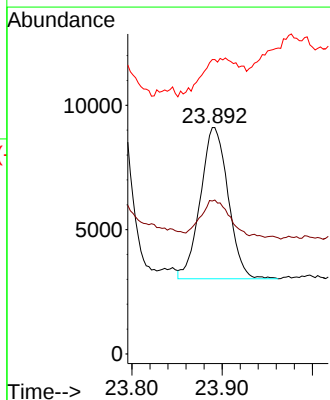
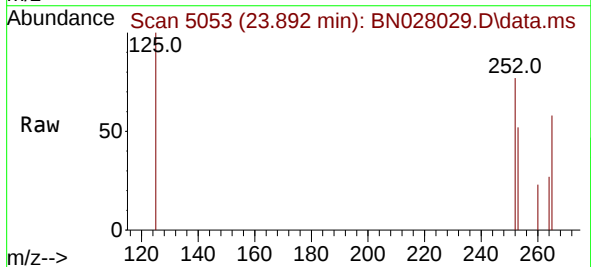
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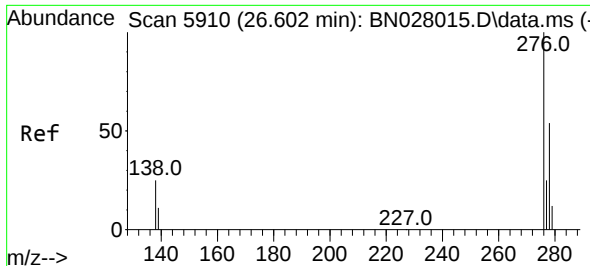
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#26
Benzo(a)pyrene
Concen: 0.066 ng/ul
RT: 23.892 min Scan# 5053
Delta R.T. -0.003 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

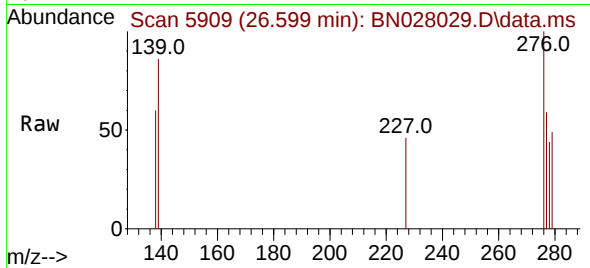
Tgt Ion:252 Resp: 12973
Ion Ratio Lower Upper
252 100
253 68.0 23.4 35.2#
125 130.0 15.3 22.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.599 min Scan# 5909
Delta R.T. -0.003 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06

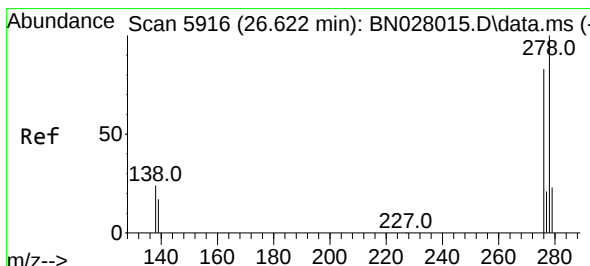
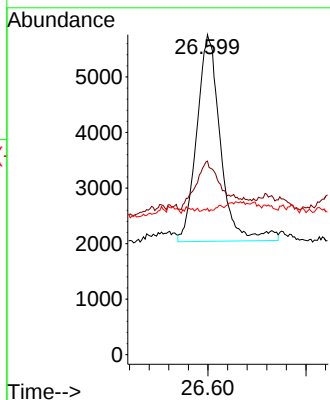
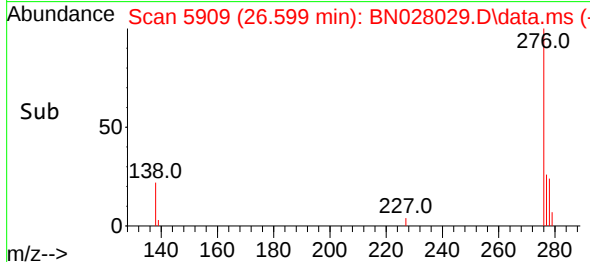
Instrument :
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ClientSampleId :
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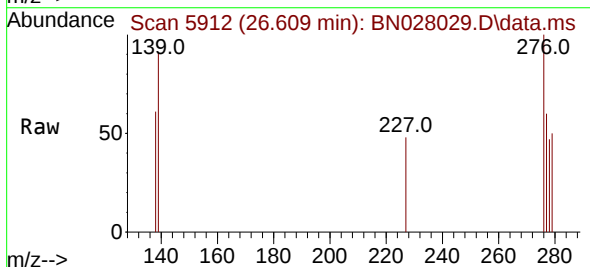
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Ion Ratio Lower Upper
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138 28.0 21.6 32.4
227 0.0 0.2 0.2

Manual Integrations
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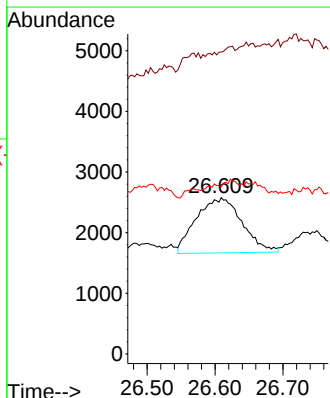
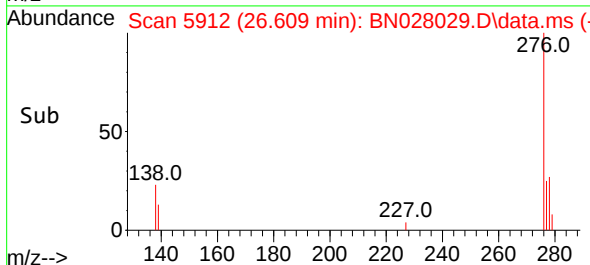
Reviewed By : Yogesh Patel 10/04/2023
Supervised By : mohammad ahmed 10/05/2023

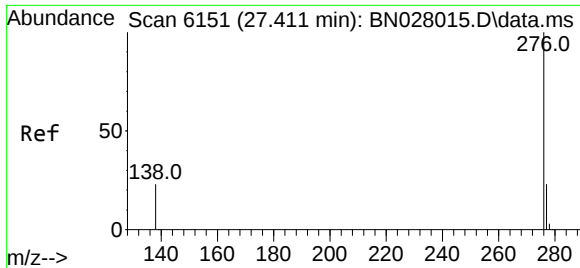


#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.609 min Scan# 5912
Delta R.T. -0.010 min
Lab File: BN028029.D
Acq: 04 Oct 2023 03:06



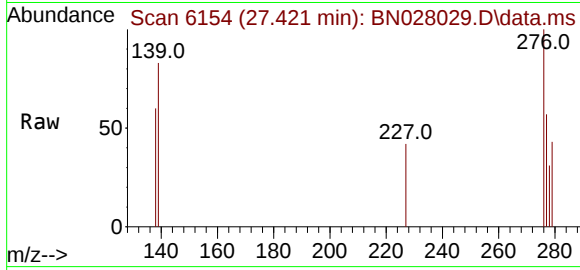
Tgt Ion: 278 Resp: 4257
Ion Ratio Lower Upper
278 100
139 193.0 15.9 23.9#
279 106.9 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.074 ng/ul
 RT: 27.421 min Scan# 6154
 Delta R.T. -0.000 min
 Lab File: BN028029.D
 Acq: 04 Oct 2023 03:06

Instrument :
 BNA_N
 ClientSampleId :
 EZYE7DL



Tgt Ion: 276 Resp: 14250

Ion	Ratio	Lower	Upper
276	100		
138	60.5	19.8	29.6
277	57.0	20.6	31.0

Manual Integrations
 APPROVED

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