

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046825.D
 Acq On : 26 Jul 2024 11:41
 Operator : MA/JU
 Sample : P3264-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BE3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 26 12:26:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	9894	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5953	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	12505	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	8672	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8831m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	6883	2.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3146	0.200	ng/ul	0.00
18) Fluoranthene-d10	18.912	212	6160	0.218	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.830	152	1537	0.056	ng/ul#	88
11) Acenaphthene	14.177	153	772	0.042	ng/ul#	92
12) Fluorene	15.176	166	1039	0.045	ng/ul#	95
15) Phenanthrene	16.912	178	23260	0.647	ng/ul	99
16) Anthracene	17.005	178	4460	0.133	ng/ul#	93
19) Fluoranthene	18.945	202	59895	1.573	ng/ul	100
20) Pyrene	19.307	202	49686	1.261	ng/ul	100
21) Benzo(a)anthracene	21.067	228	22868	0.633	ng/ul	96
22) Chrysene	21.120	228	26461	0.721	ng/ul	97
24) Benzo(b)fluoranthene	22.587	252	35002m	0.903	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	12222m	0.313	ng/ul	
26) Benzo(a)pyrene	23.122	252	20293	0.729	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.320	276	17756	0.414	ng/ul	98
28) Dibenzo(a,h)anthracene	25.330	278	3997	0.127	ng/ul#	56
29) Benzo(g,h,i)perylene	25.957	276	18049	0.478	ng/ul#	96

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

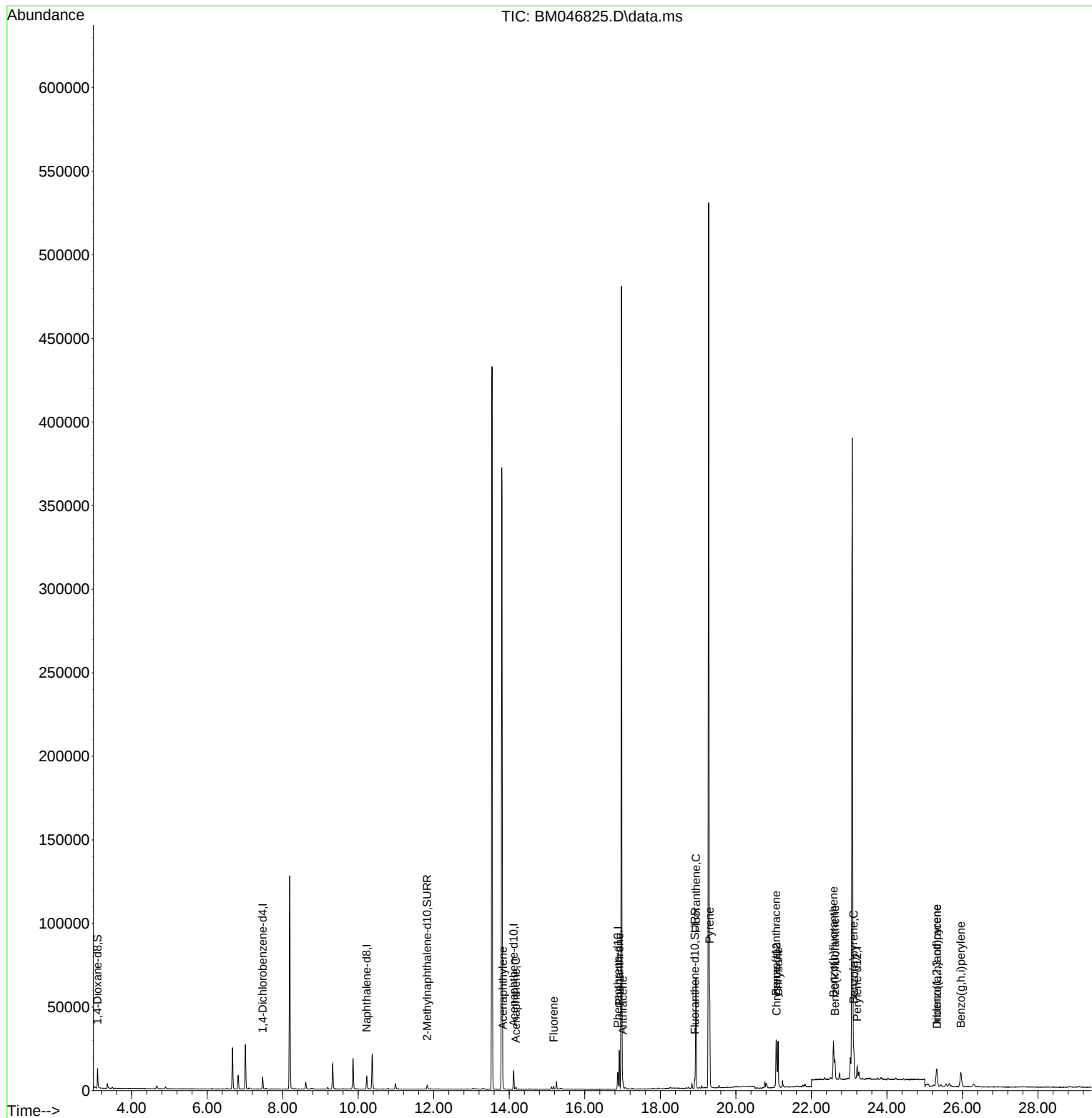
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046825.D
Acq On : 26 Jul 2024 11:41
Operator : MA/JU
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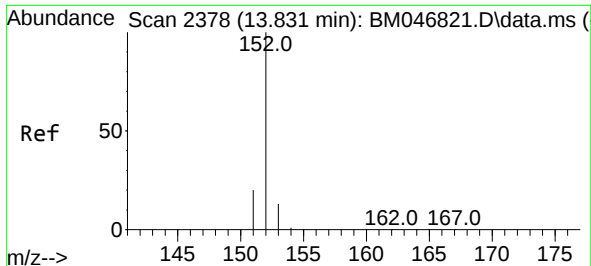
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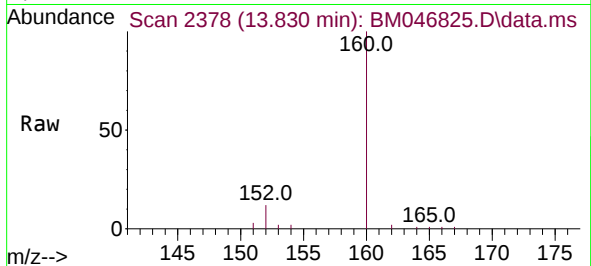
Quant Time: Jul 26 12:26:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.830 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

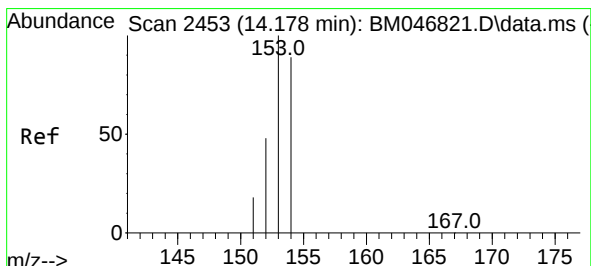
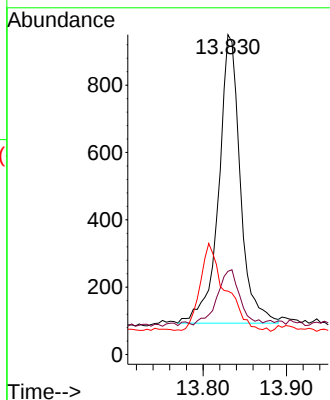
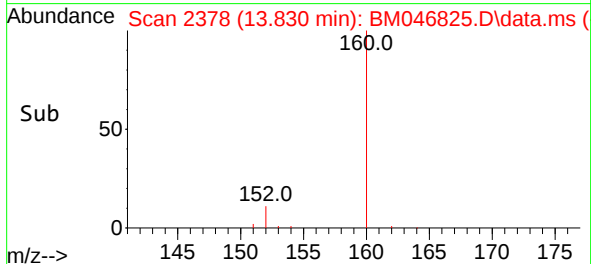
Instrument :
BNA_M
ClientSampleId :
A4BE3



Tgt Ion:152 Resp: 153
Ion Ratio Lower Upper
152 100
151 26.0 16.8 25.2
153 19.8 11.0 16.6

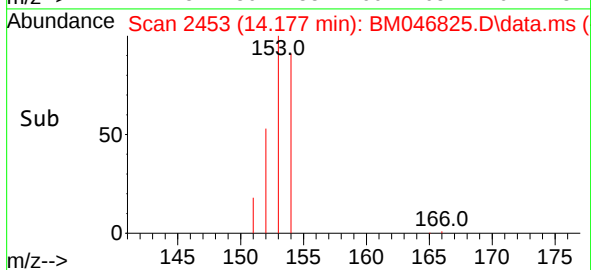
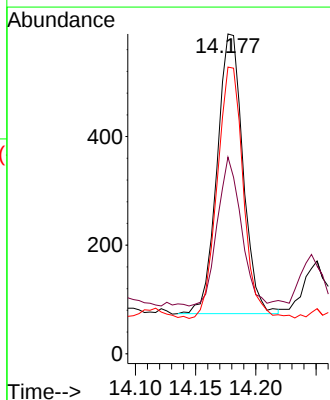
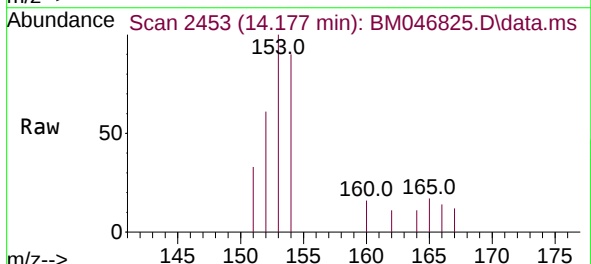
Manual Integrations
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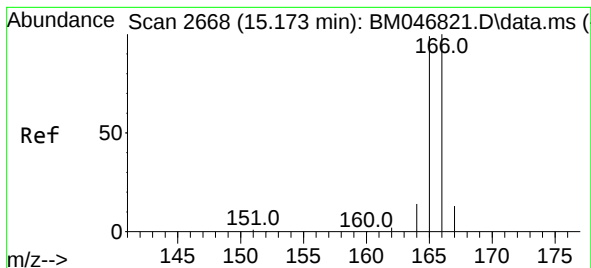
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

Tgt Ion:153 Resp: 772
Ion Ratio Lower Upper
153 100
152 61.5 38.6 57.8
154 89.6 70.8 106.2





#12

Fluorene

Concen: 0.045 ng/ul

RT: 15.176 min Scan# 2668

Delta R.T. -0.001 min

Lab File: BM046825.D

Acq: 26 Jul 2024 11:41

Instrument :

BNA_M

ClientSampleId :

A4BE3

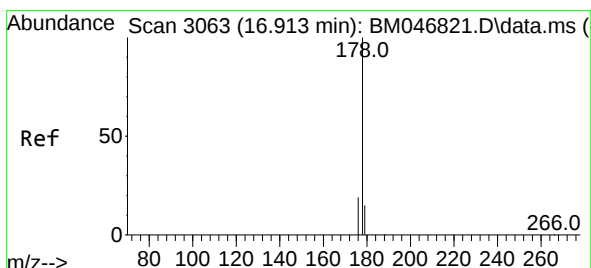
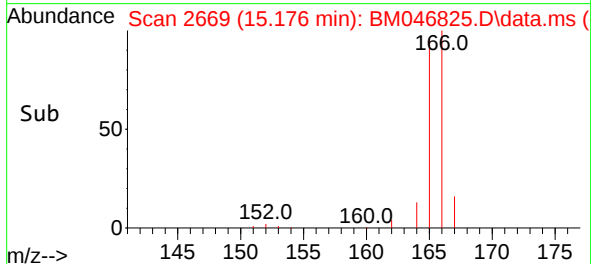
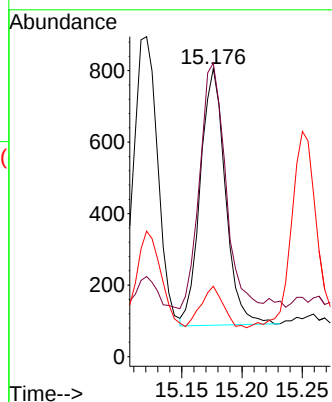
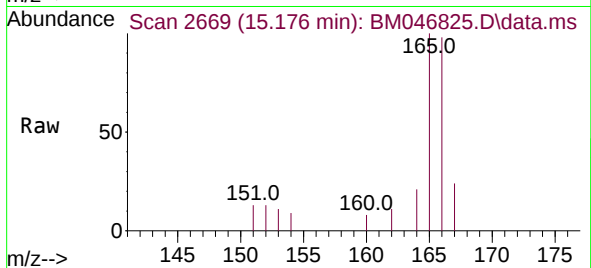
Tgt Ion:	166	Resp:	1039
Ion Ratio	Lower	Upper	
166	100		
165	101.9	79.8	119.6
167	24.4	12.3	18.5

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#15

Phenanthrene

Concen: 0.647 ng/ul

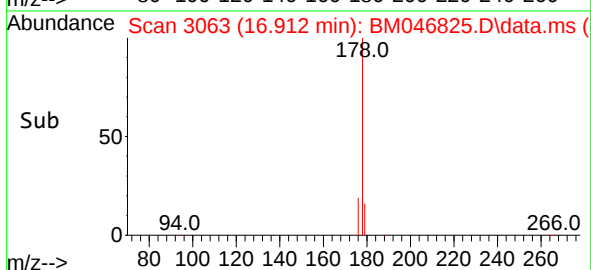
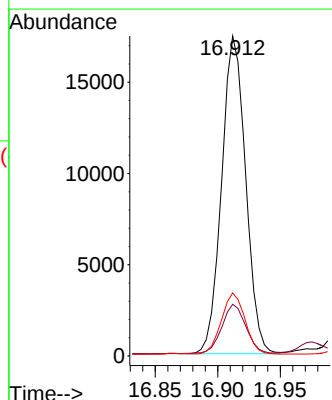
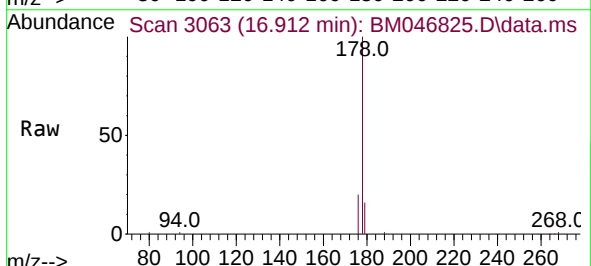
RT: 16.912 min Scan# 3063

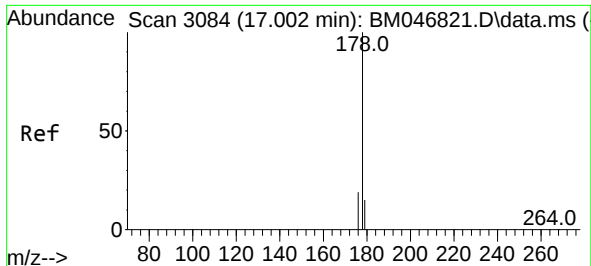
Delta R.T. -0.001 min

Lab File: BM046825.D

Acq: 26 Jul 2024 11:41

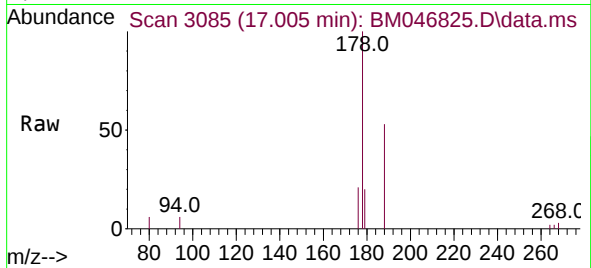
Tgt Ion:	178	Resp:	23260
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.4	20.2
176	19.7	16.1	24.1





#16
 Anthracene
 Concen: 0.133 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046825.D
 Acq: 26 Jul 2024 11:41

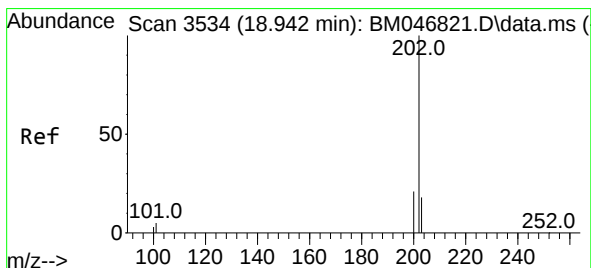
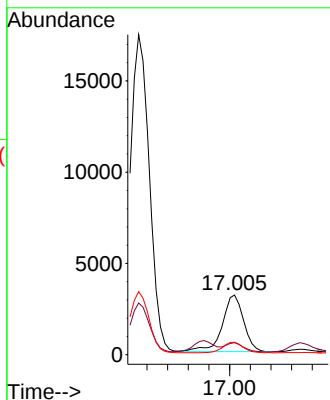
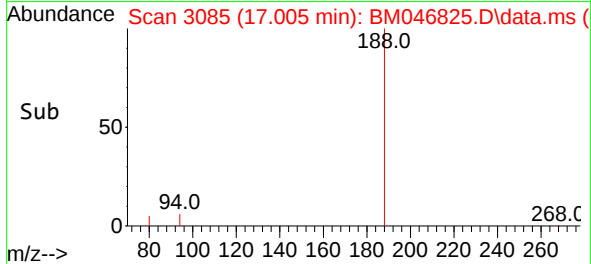
Instrument :
 BNA_M
 ClientSampleId :
 A4BE3



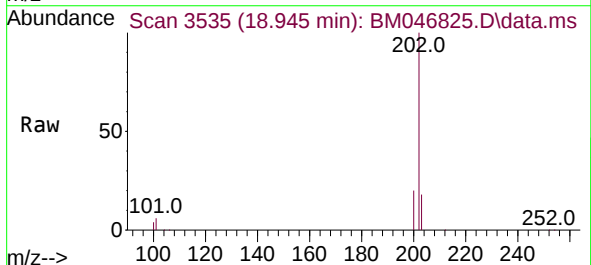
Tgt Ion:178 Resp: 4460
 Ion Ratio Lower Upper
 178 100
 179 20.0 13.1 19.7
 176 20.9 15.0 22.6

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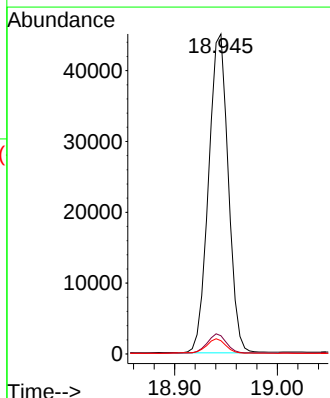
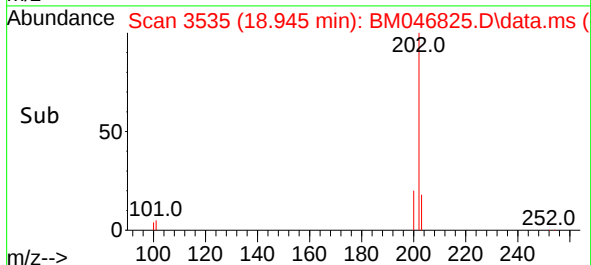
Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

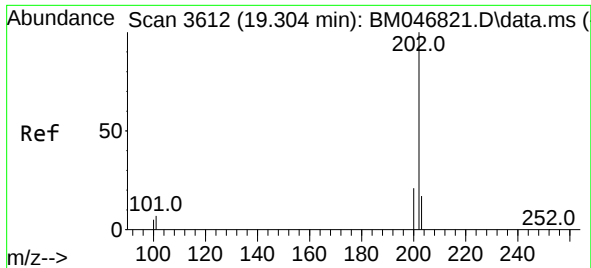


#19
 Fluoranthene
 Concen: 1.573 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046825.D
 Acq: 26 Jul 2024 11:41



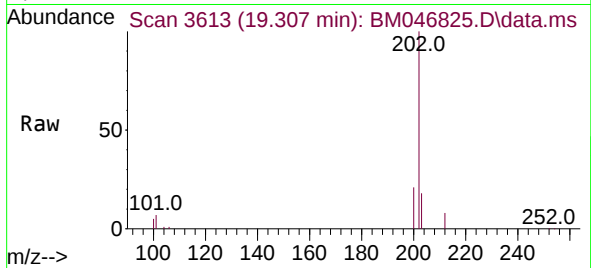
Tgt Ion:202 Resp: 59895
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.7 7.1
 100 4.1 3.4 5.2





#20
Pyrene
Concen: 1.261 ng/ul
RT: 19.307 min Scan# 3612
Delta R.T. 0.003 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

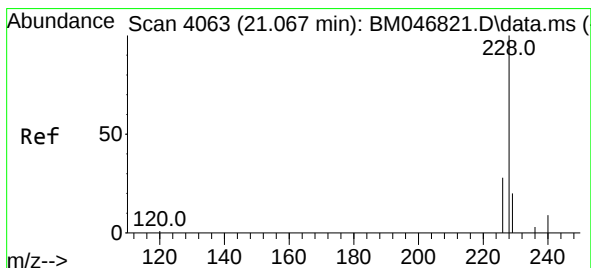
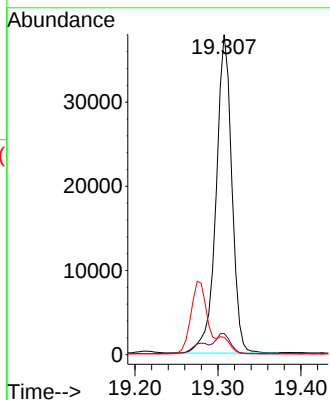
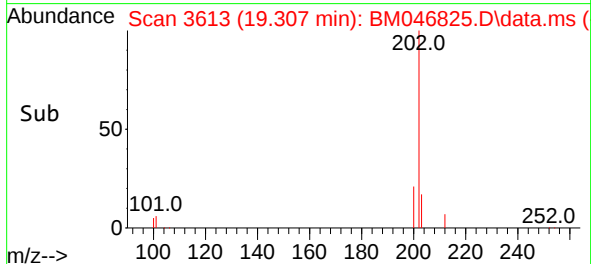
Instrument :
BNA_M
ClientSampleId :
A4BE3



Tgt Ion:202 Resp: 49680
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.5 4.3 6.5

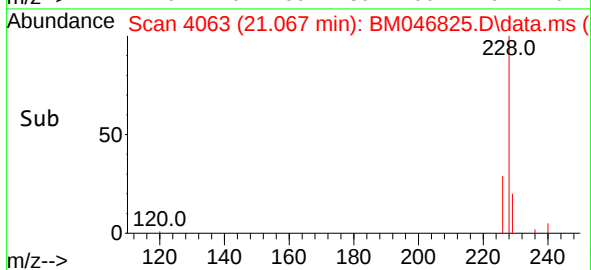
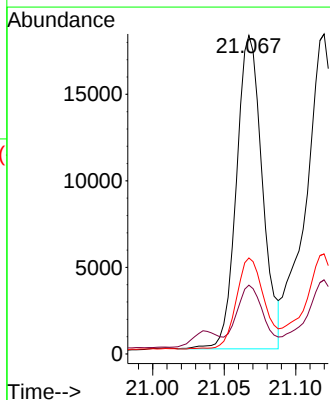
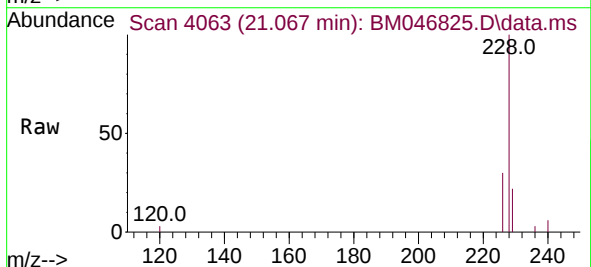
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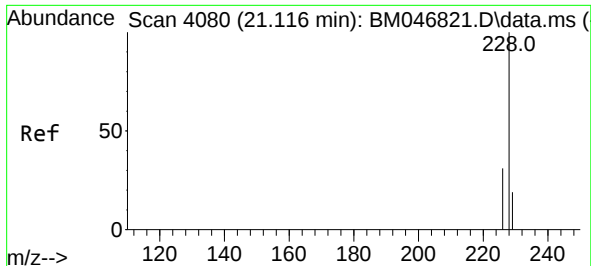
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 0.633 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

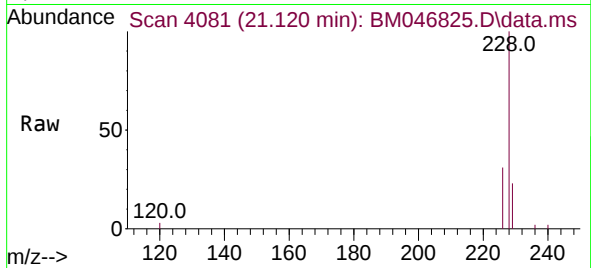
Tgt Ion:228 Resp: 22868
Ion Ratio Lower Upper
228 100
229 21.6 16.3 24.5
226 30.1 22.3 33.5





#22
Chrysene
Concen: 0.721 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

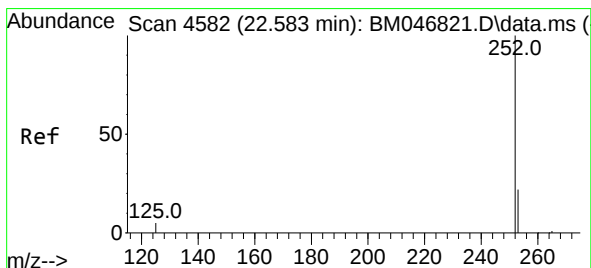
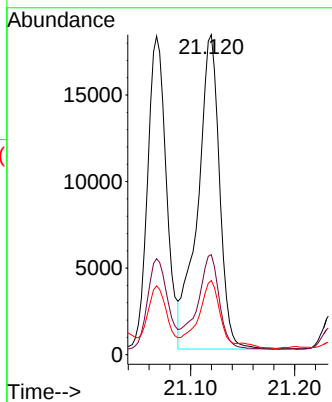
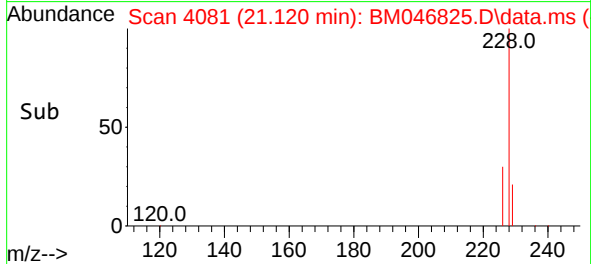
Instrument :
BNA_M
ClientSampleId :
A4BE3



Tgt Ion:228 Resp: 2646
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 23.1 16.2 24.2

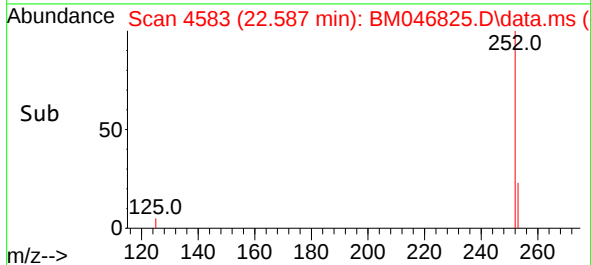
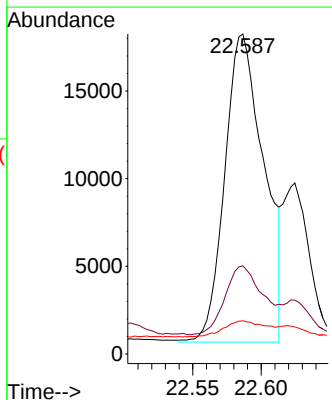
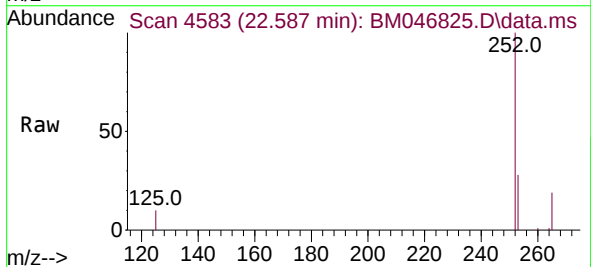
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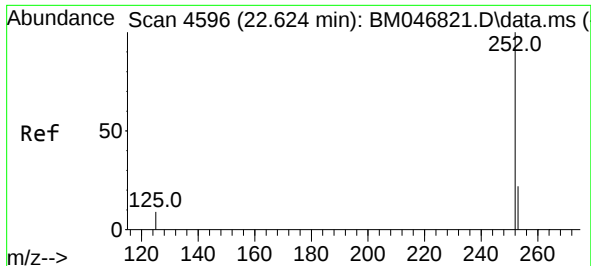
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#24
Benzo(b)fluoranthene
Concen: 0.903 ng/ul m
RT: 22.587 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

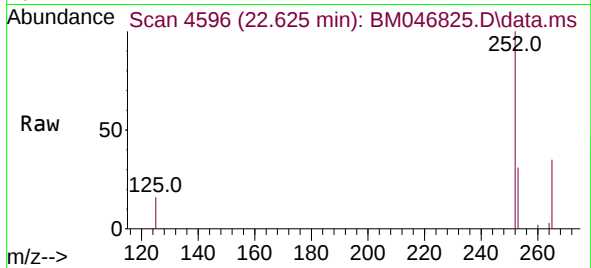
Tgt Ion:252 Resp: 35002
Ion Ratio Lower Upper
252 100
253 27.5 0.0 56.4
125 10.3 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. 0.003 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

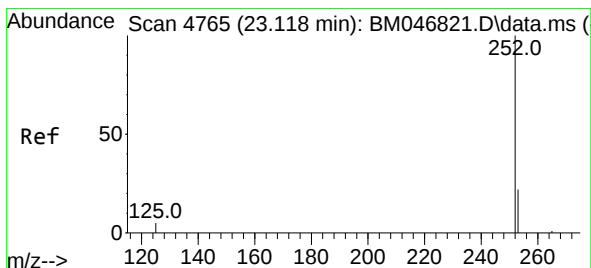
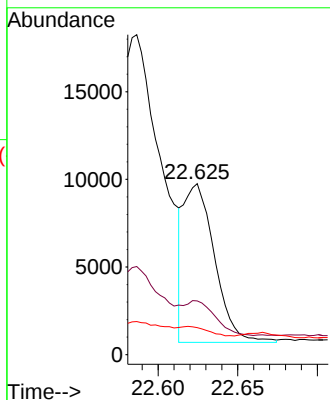
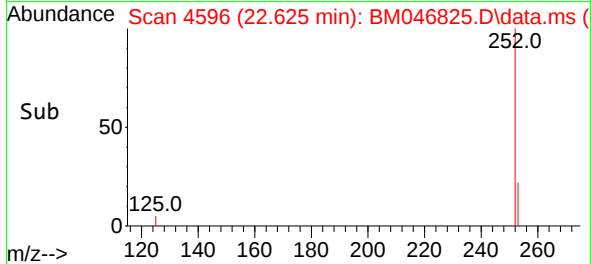
Instrument :
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A4BE3



Tgt Ion:252 Resp: 1222
Ion Ratio Lower Upper
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253 31.4 23.5 35.3
125 15.8 8.6 13.0

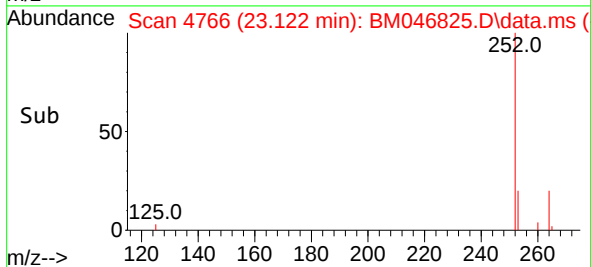
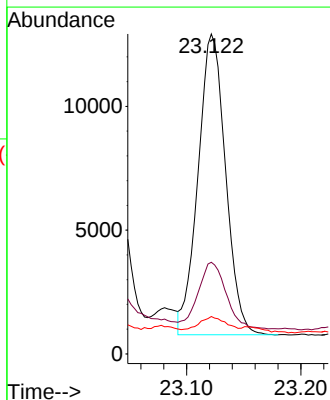
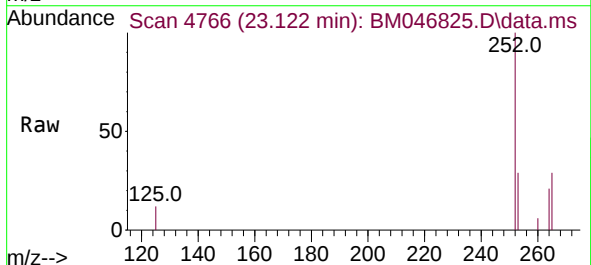
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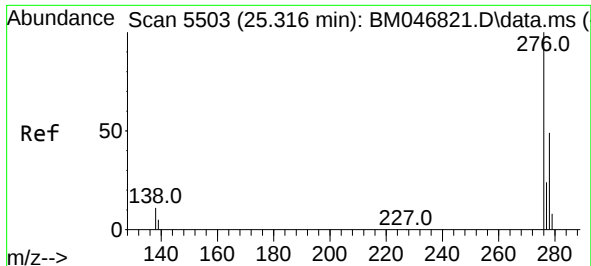
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 0.729 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

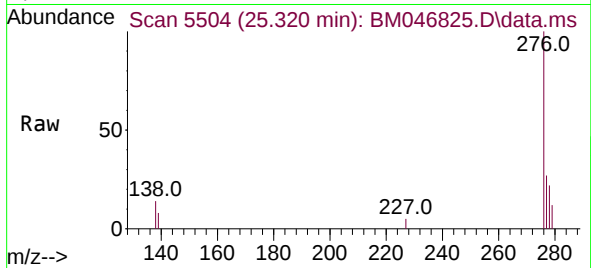
Tgt Ion:252 Resp: 20293
Ion Ratio Lower Upper
252 100
253 28.7 26.0 39.0
125 11.7 7.8 11.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.414 ng/ul
 RT: 25.320 min Scan# 5504
 Delta R.T. 0.004 min
 Lab File: BM046825.D
 Acq: 26 Jul 2024 11:41

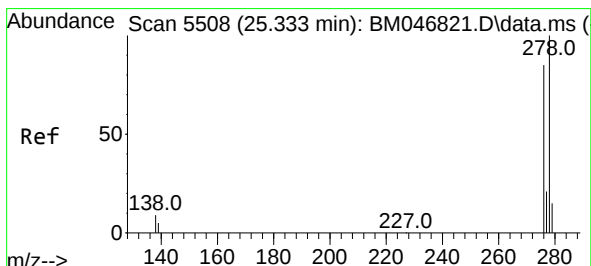
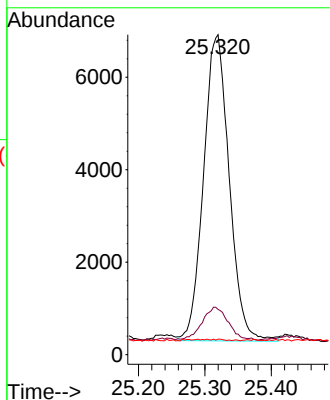
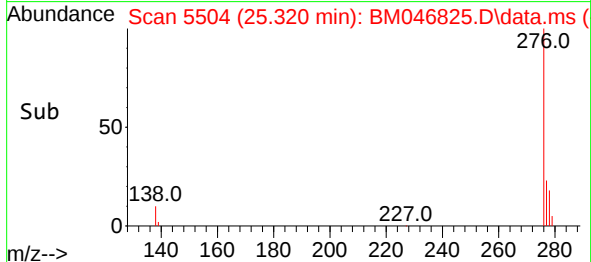
Instrument :
 BNA_M
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 A4BE3



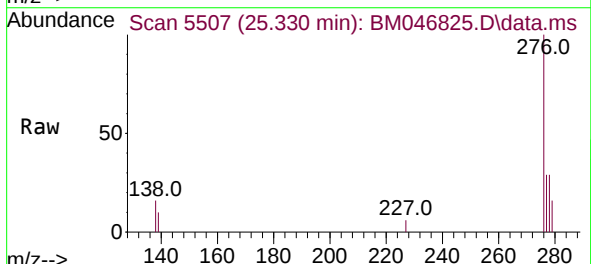
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 Ion Ratio Lower Upper
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 138 11.2 9.7 14.5
 227 0.2 0.2 0.2

Manual Integrations
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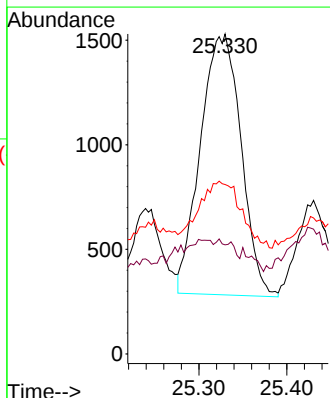
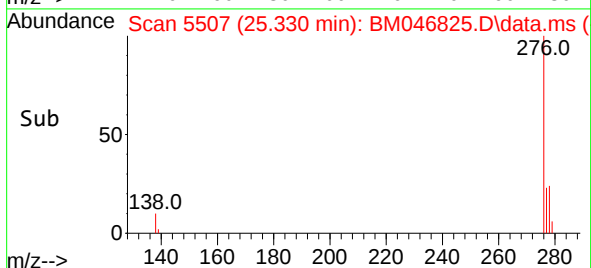
Reviewed By : Yogesh Patel 07/27/2024
 Supervised By : mohammad ahmed 08/05/2024

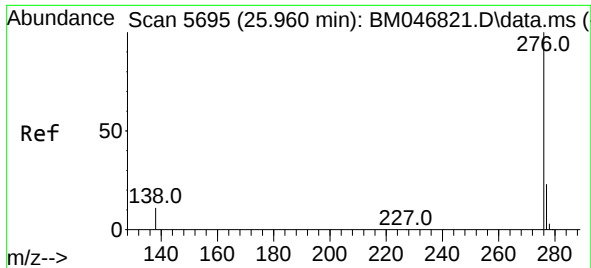


#28
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/ul
 RT: 25.330 min Scan# 5507
 Delta R.T. -0.003 min
 Lab File: BM046825.D
 Acq: 26 Jul 2024 11:41



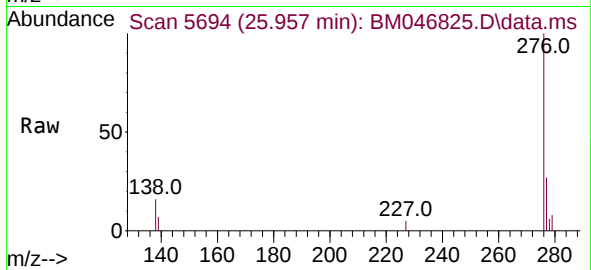
Tgt Ion: 278 Resp: 3997
 Ion Ratio Lower Upper
 278 100
 139 34.1 9.8 14.8#
 279 52.9 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 25.957 min Scan# 50
Delta R.T. 0.004 min
Lab File: BM046825.D
Acq: 26 Jul 2024 11:41

Instrument :
BNA_M
ClientSampleId :
A4BE3



Tgt Ion:276 Resp: 18049
Ion Ratio Lower Upper
276 100
138 15.6 9.5 14.3
277 26.9 20.9 31.3

Manual Integrations
APPROVED

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