

Data File : BM023595.D
Acq On : 05 Nov 2019 00:45
Operator : JU
Sample : K5403-07
Misc : GCMS CONFIRMATION
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB96

Manual Integrations
APPROVED

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11/5/2019 5:26:22 PM

Quant Time: Nov 05 03:54:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	583460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2268700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1257555	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2373186	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2062847	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2637505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds					Qvalue
70) Phenanthrene	17.04	178	503755	3.798 ng/ul	97
77) Fluoranthene	19.06	202	813495	5.881 ng/ul	96
83) Benzo(a)anthracene	21.18	228	199852m	1.449 ng/ul	
85) Chrysene	21.23	228	357311	2.807 ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	203481	1.201 ng/ul#	68

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

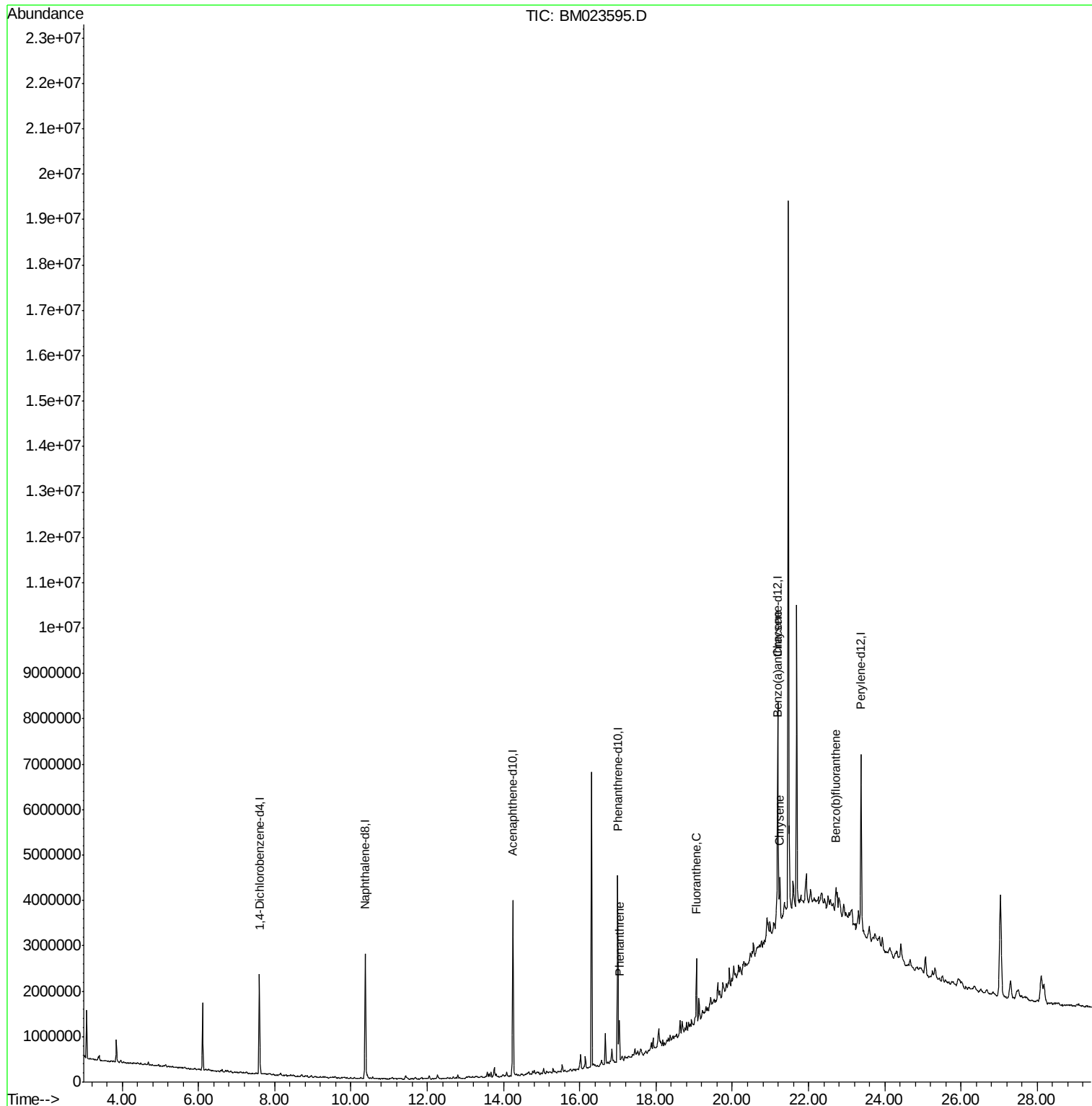
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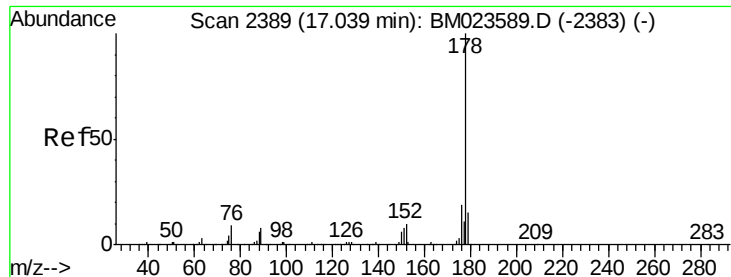
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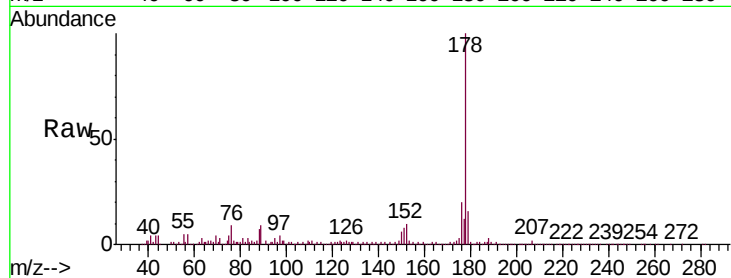
#70
Phenanthrene
Concen: 3.798 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

Instrument :
BNA_M
ClientSampleId :
BFB96

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	503755		
179	16.2		12.2	18.2
176	20.0		14.9	22.3

Manual Integrations
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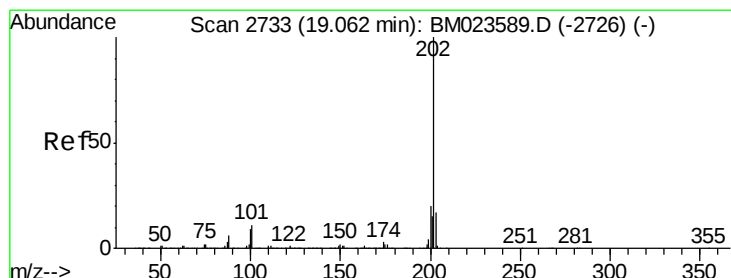
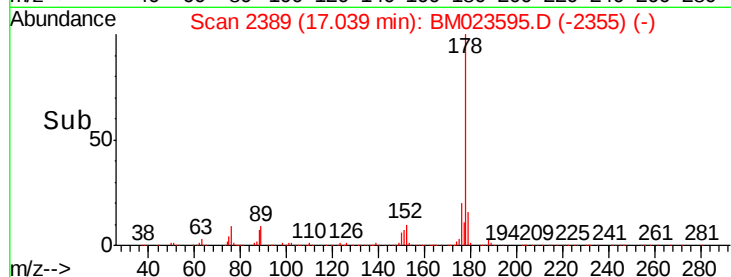
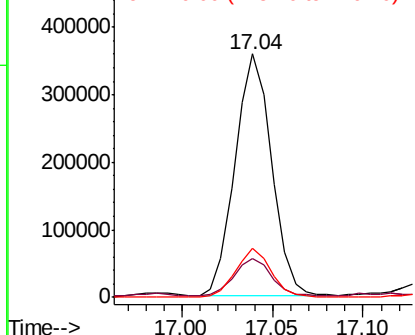


Abundance

Ion 178.00 (177.70 to 178.70): E

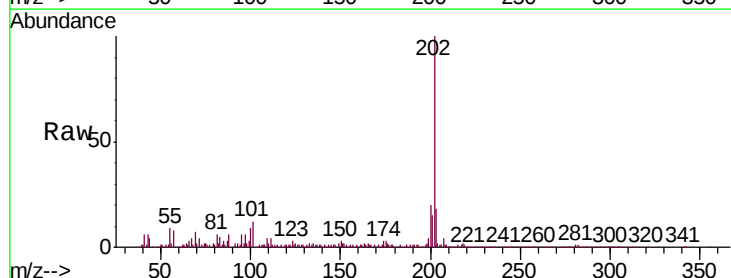
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
Fluoranthene
Concen: 5.881 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	813495		
101	12.1		8.1	12.1
100	8.7		6.2	9.2

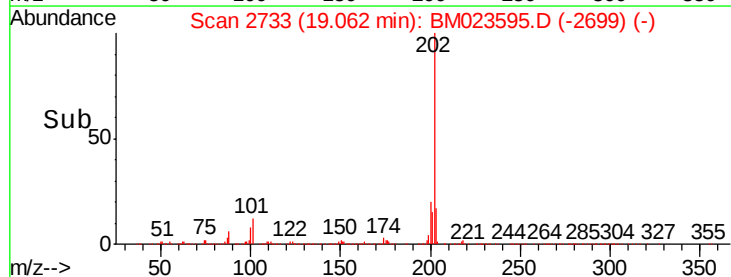
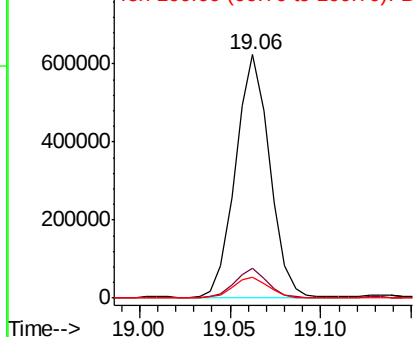


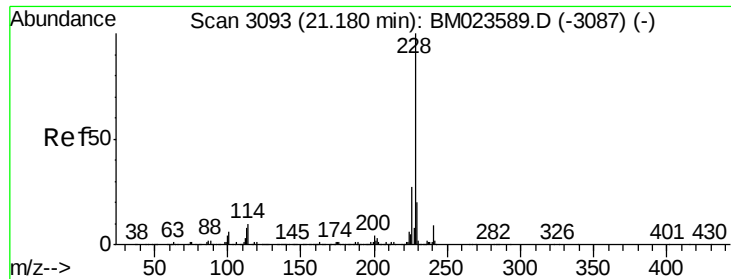
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





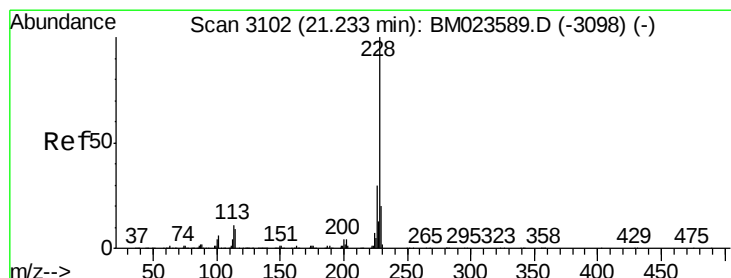
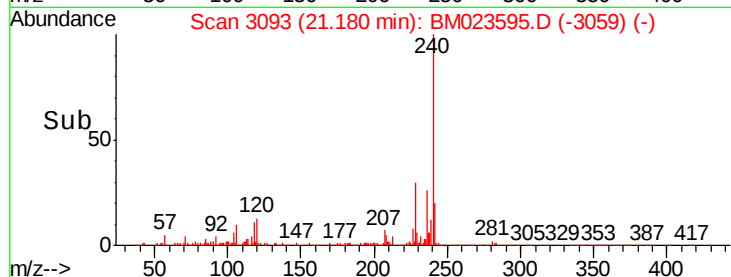
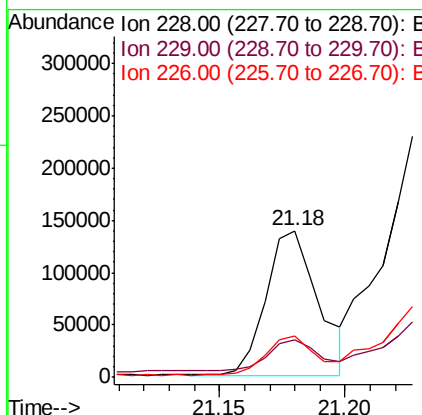
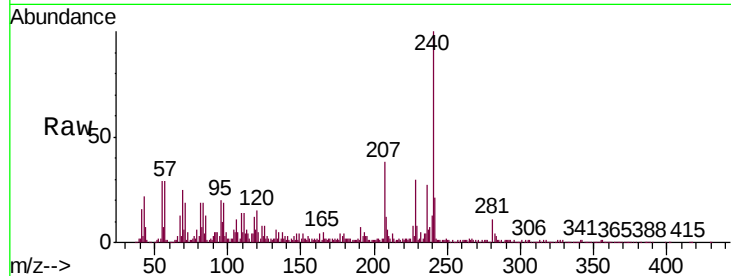
#83
Benzo(a)anthracene
Concen: 1.449 ng/ul m
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.8	23.8#
226	28.2	21.6	32.4

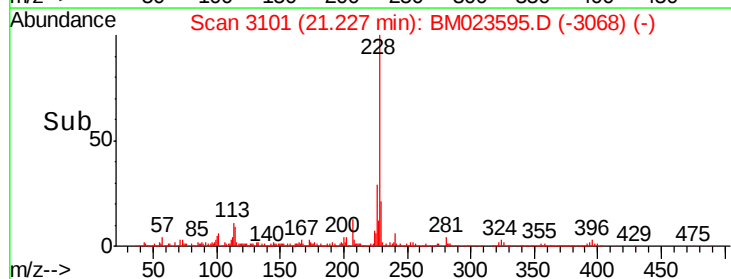
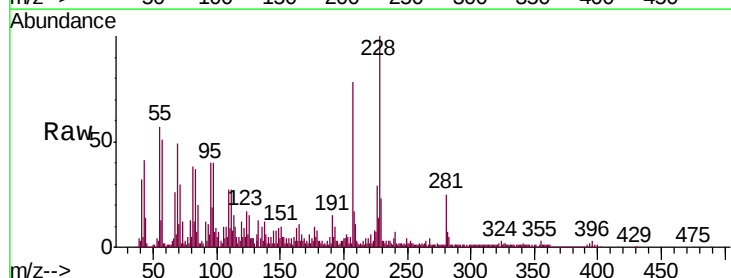
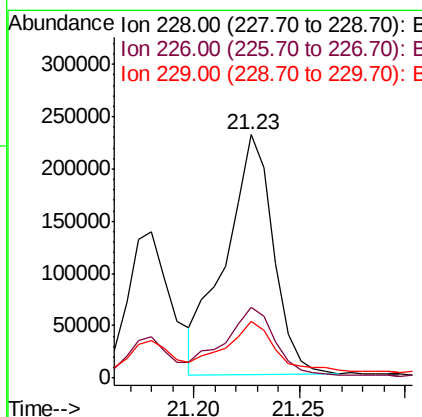
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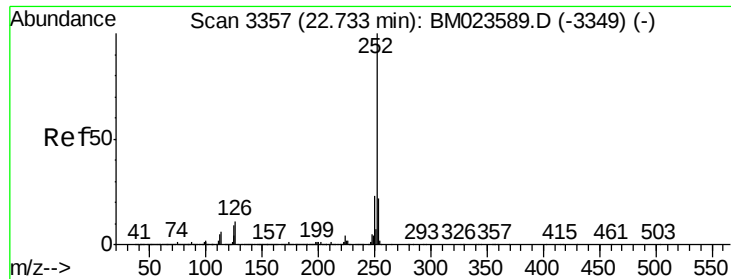
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#85
Chrysene
Concen: 2.807 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023595.D
Acq: 05 Nov 2019 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	23.1	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 1.201 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM023595.D

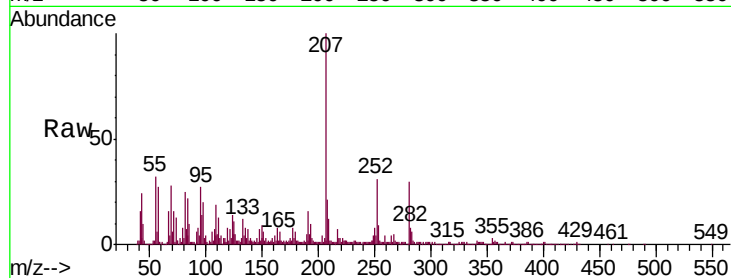
Acq: 05 Nov 2019 00:45

Instrument :

BNA_M

ClientSampleId :

BFB96



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	28.7	17.5	26.3#	
125	35.7	7.1	10.7#	

Manual Integrations
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