

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022180.D
 Acq On : 16 Aug 2019 21:16
 Operator : HP/JU
 Sample : K4183-13DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2DL

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Quant Time: Aug 17 05:09:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 17 04:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	719	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3152	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	1862	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	4231	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	4462	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	4897	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	209	0.04	ng/ul	0.03
14) Fluoranthene-d10	19.05	212	645	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	266	0.031	ng/ul#	54
12) Phenanthrene	17.05	178	3545	0.288	ng/ul	98
13) Anthracene	17.15	178	674	0.064	ng/ul#	73
15) Fluoranthene	19.08	202	17802	1.079	ng/ul	96
17) Pyrene	19.45	202	15760	0.860	ng/ul	98
18) Benzo(a)anthracene	21.20	228	8169m	0.512	ng/ul	
19) Chrysene	21.25	228	11319	0.551	ng/ul#	93
21) Benzo(b)fluoranthene	22.76	252	17125m	1.037	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	5916m	0.317	ng/ul	
23) Benzo(a)pyrene	23.33	252	10254	0.611	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.64	276	9089	0.453	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.64	278	2064	0.127	ng/ul#	17
26) Benzo(g,h,i)perylene	26.32	276	9151	0.507	ng/ul#	90

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

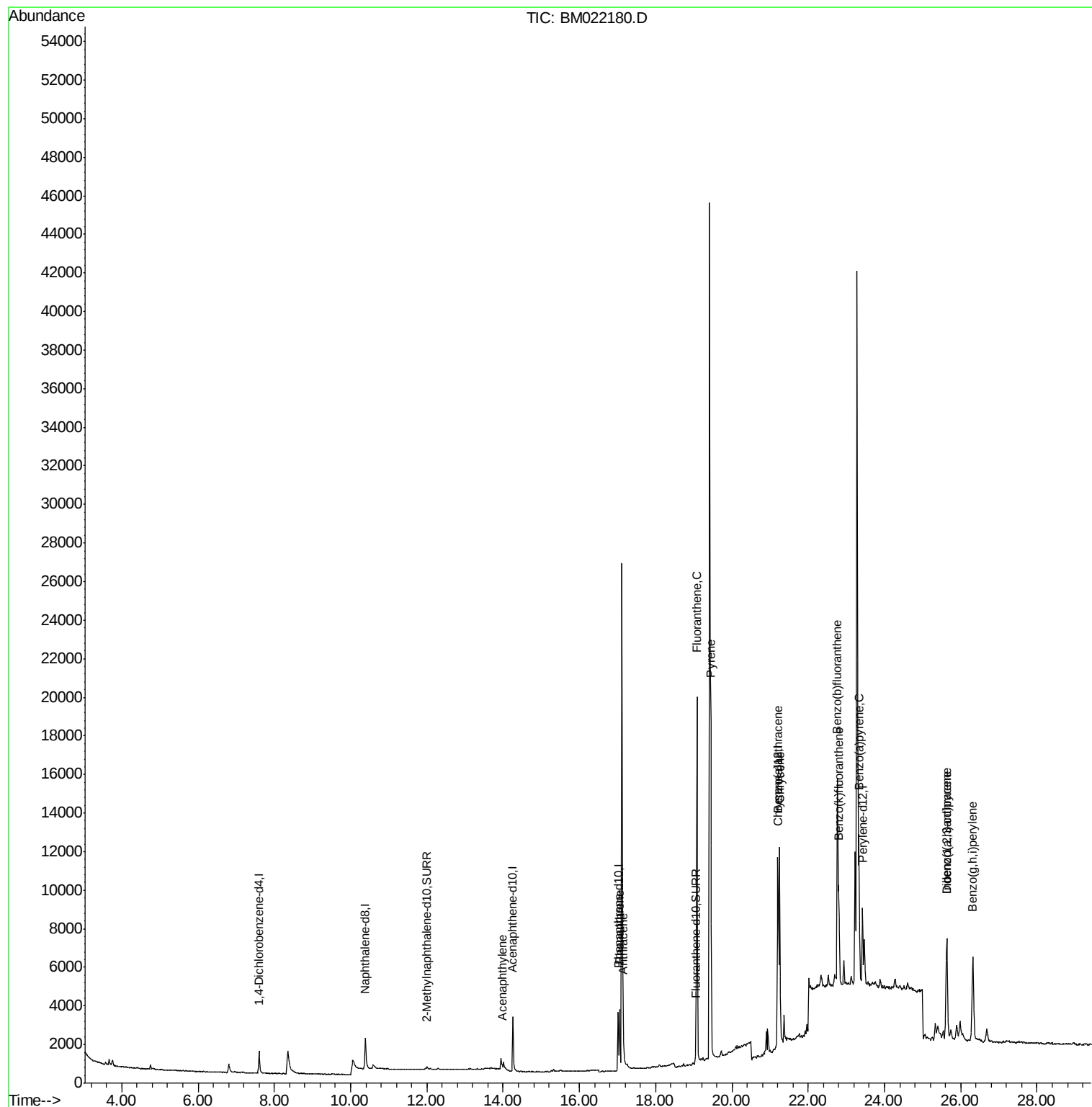
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022180.D
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Sample : K4183-13DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

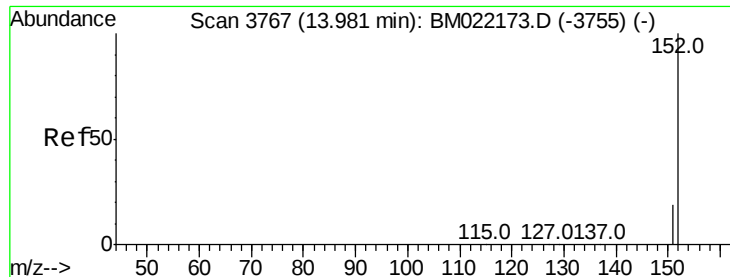
Instrument :
BNA_M
ClientSampleId :
C0AF2DL

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Quant Time: Aug 17 05:09:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 17 04:19:12 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.00 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

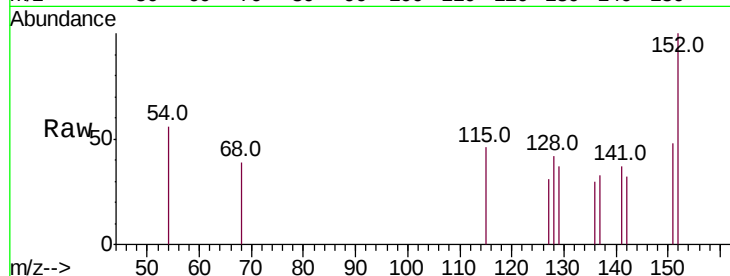
ClientSampleId :

C0AF2DL

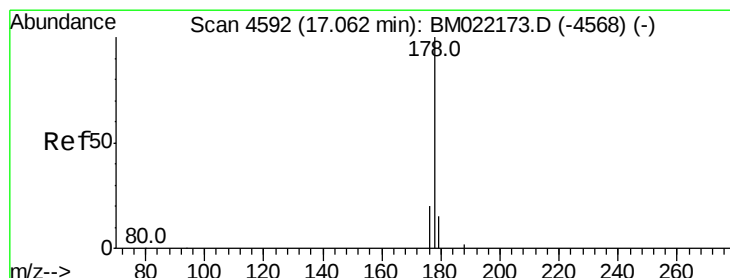
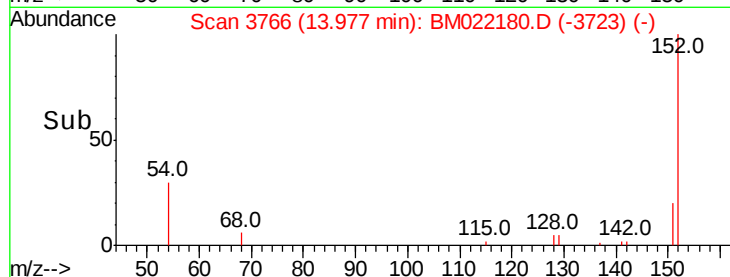
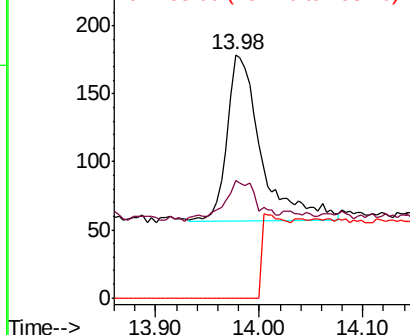
Tot Ion:	152	Resp:	266
Ion Ratio	Lower	Upper	
152	100		
151	48.0	18.3	27.5#
153	0.0	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.288 ng/ul

RT: 17.05 min Scan# 4590

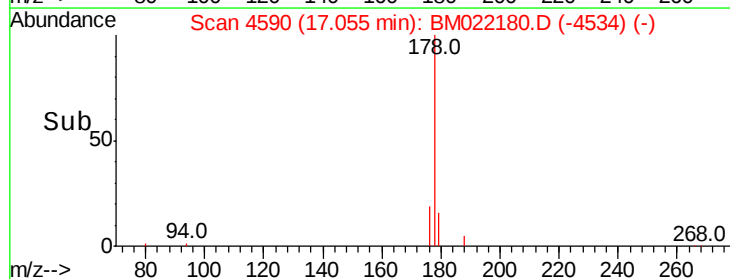
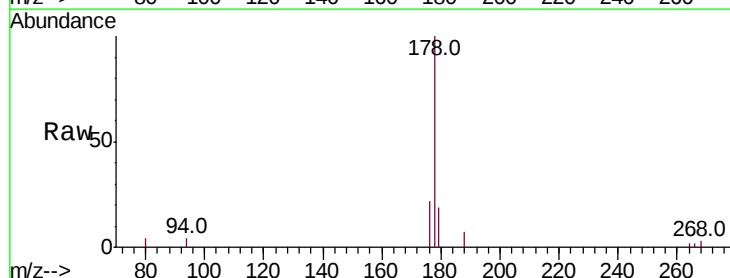
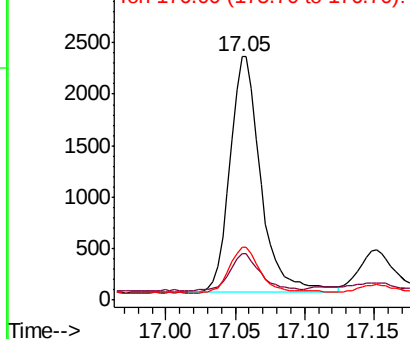
Delta R.T. -0.01 min

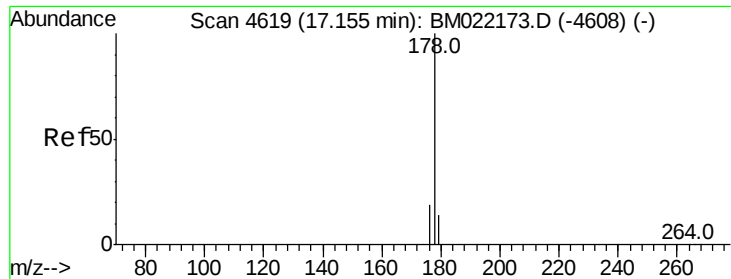
Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Tgt Ion:	178	Resp:	3545
Ion Ratio	Lower	Upper	
178	100		
179	19.0	14.2	21.2
176	21.6	16.8	25.2

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





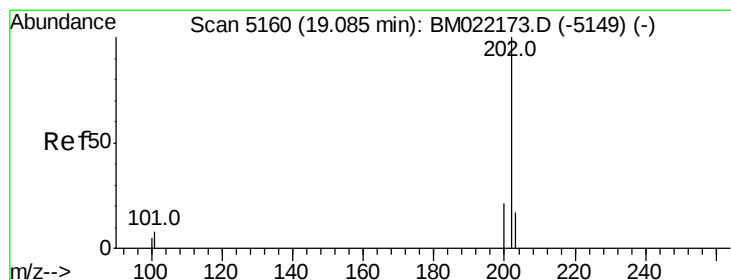
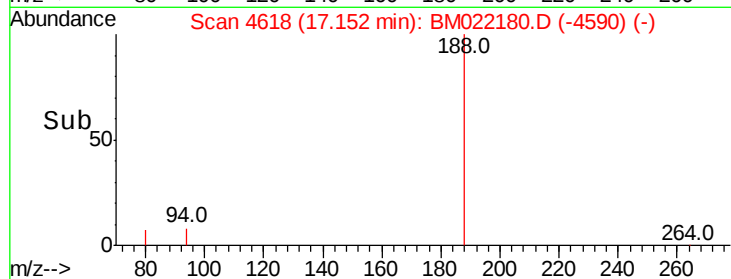
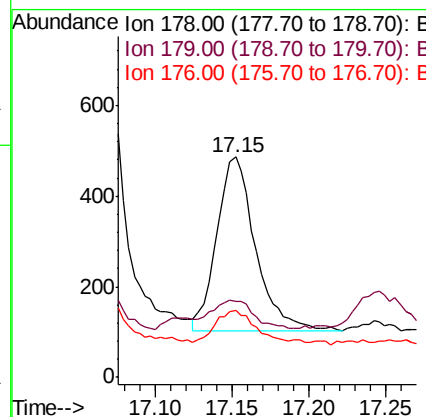
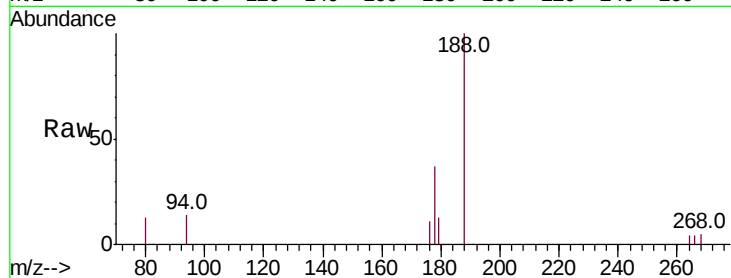
#13
 Anthracene
 Concen: 0.064 ng/ul
 RT: 17.15 min Scan# 4618
 Delta R.T. -0.00 min
 Lab File: BM022180.D
 Acq: 16 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	34.4	15.5	23.3#
176	30.5	16.6	25.0#

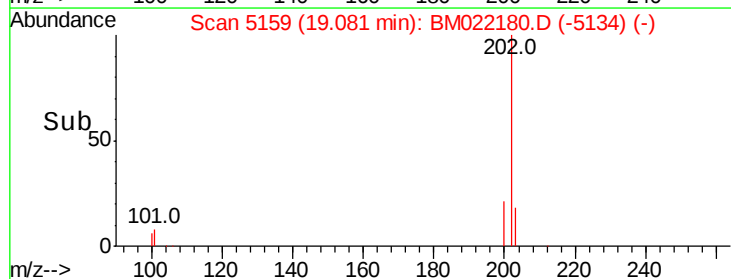
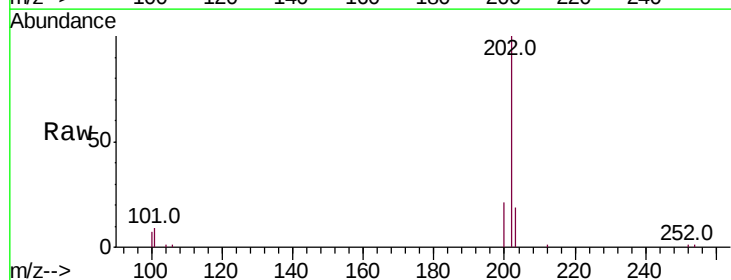
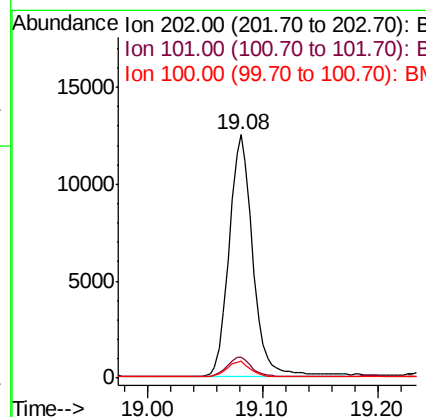
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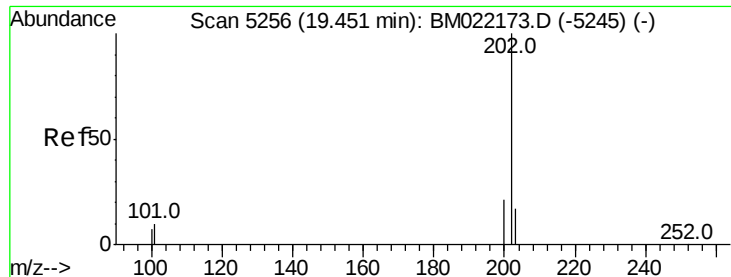
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#15
 Fluoranthene
 Concen: 1.079 ng/ul
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.00 min
 Lab File: BM022180.D
 Acq: 16 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.2
100	6.8	0.0	28.1





#17

Pvrene

Concen: 0.860 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.00 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

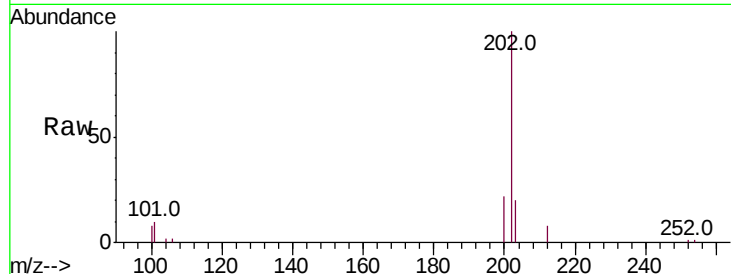
ClientSampled :

C0AF2DL

Tot Ion:	202	Resp:	15760
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	8.3	7.2	10.8

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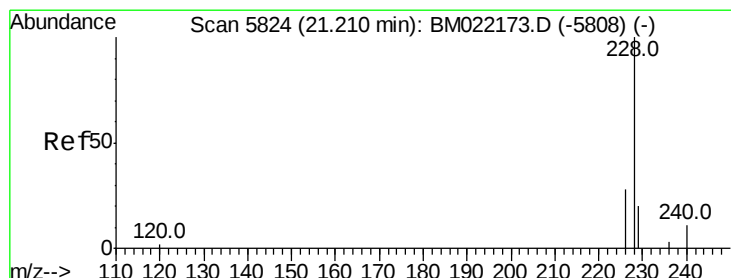
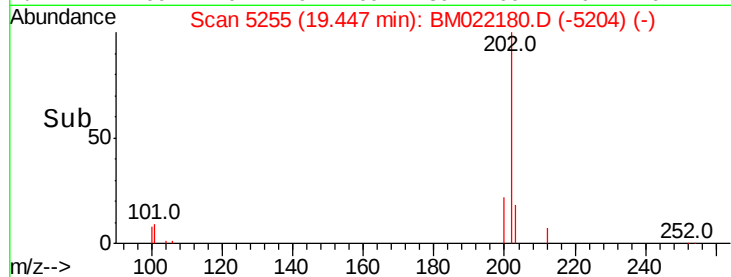
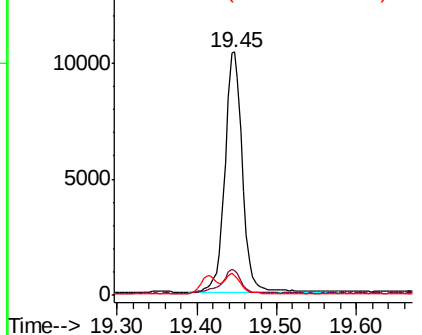
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.512 ng/ul m

RT: 21.20 min Scan# 5822

Delta R.T. -0.00 min

Lab File: BM022180.D

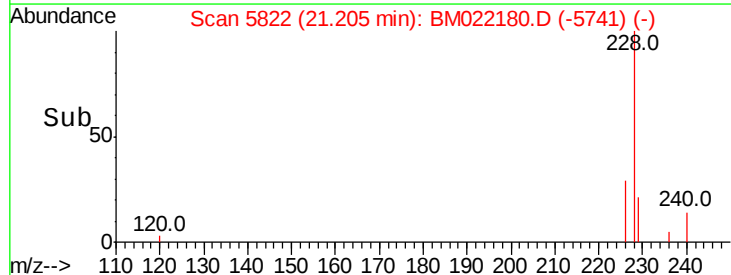
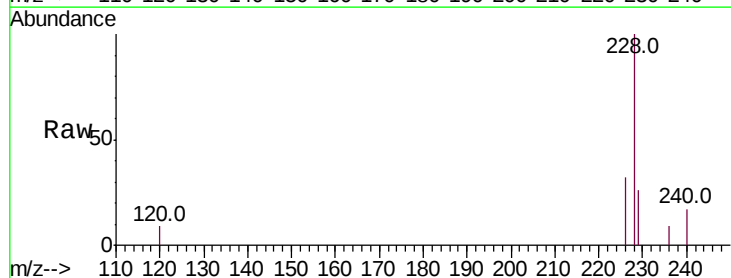
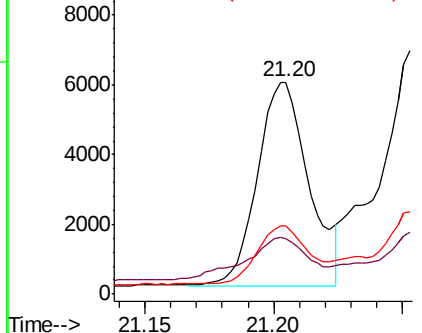
Acq: 16 Aug 2019 21:16

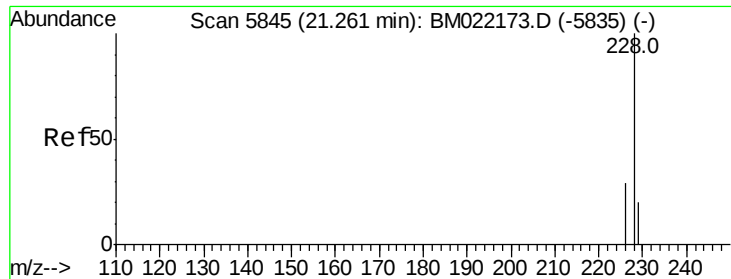
Tgt Ion:	228	Resp:	8169
Ion Ratio	Lower	Upper	
228	100		
229	26.2	17.2	25.8#
226	32.0	22.6	34.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.551 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.01 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

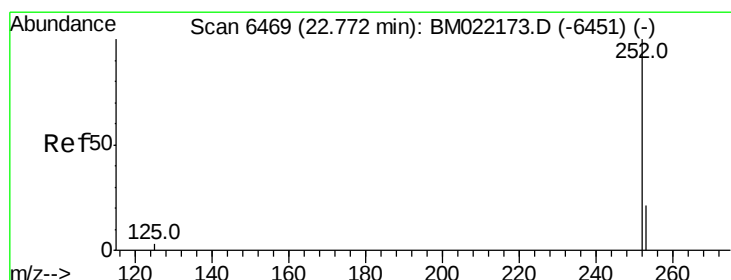
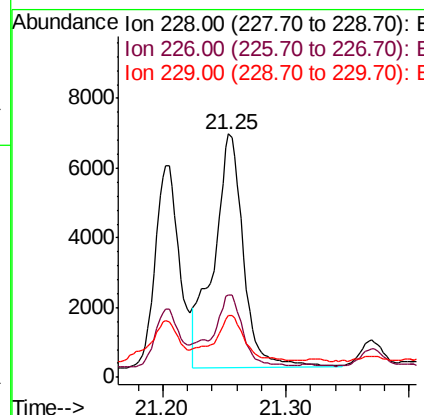
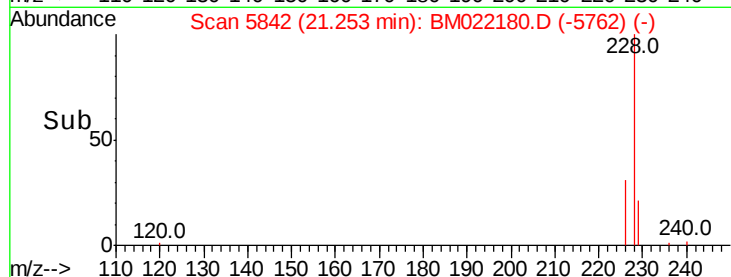
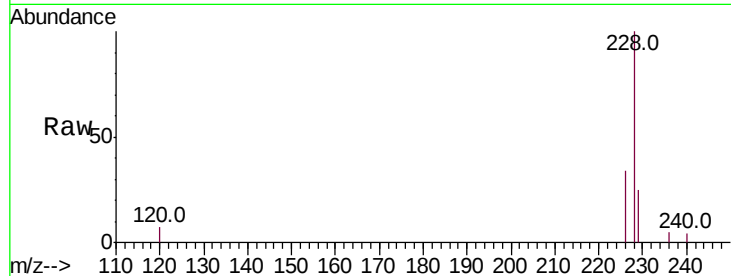
ClientSampleId :

C0AF2DL

Tot Ion:228	Resp:	11319
Ion Ratio	Lower	Upper
228 100		
226 33.9	24.9	37.3
229 25.4	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 1.037 ng/ul m

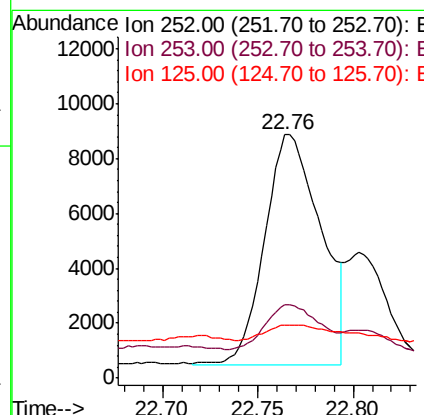
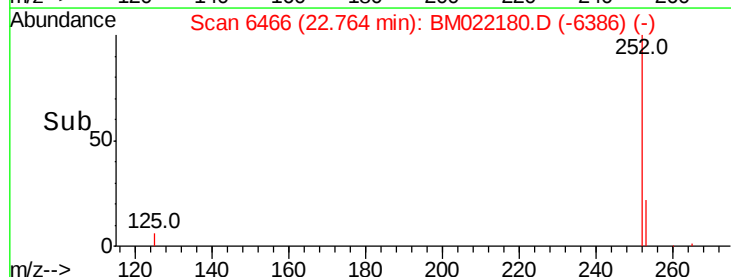
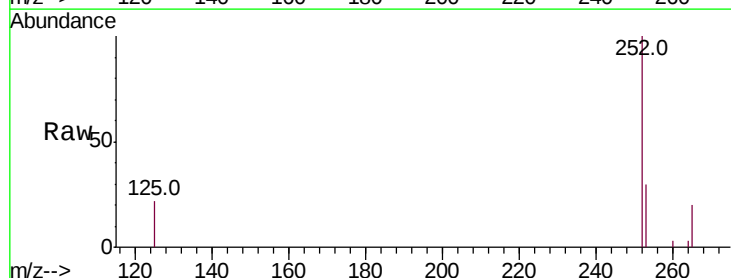
RT: 22.76 min Scan# 6466

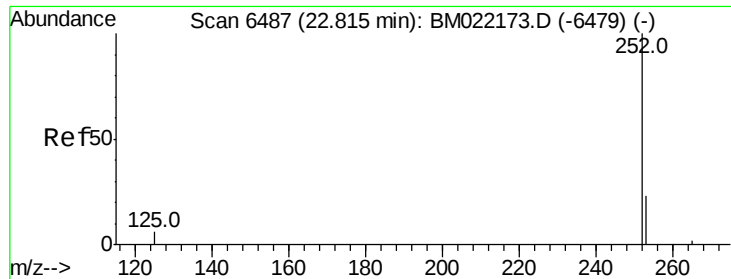
Delta R.T. -0.01 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Tgt Ion:252	Resp:	17125
Ion Ratio	Lower	Upper
252 100		
253 30.1	0.0	67.4
125 21.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.317 ng/ul m

RT: 22.80 min Scan# 6482

Delta R.T. -0.01 min

Lab File: BM022180.D

Acq: 16 Aug 2019 21:16

Instrument :

BNA_M

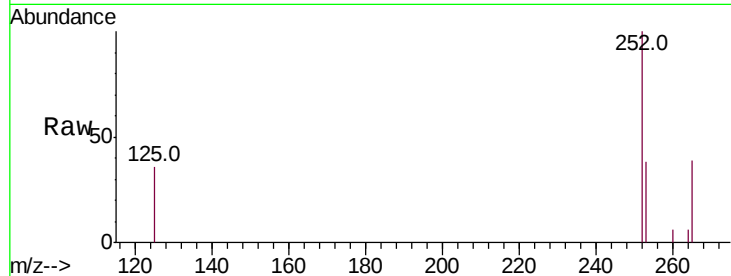
ClientSampleId :

C0AF2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.4	27.0	40.4
125	35.7	12.2	18.2

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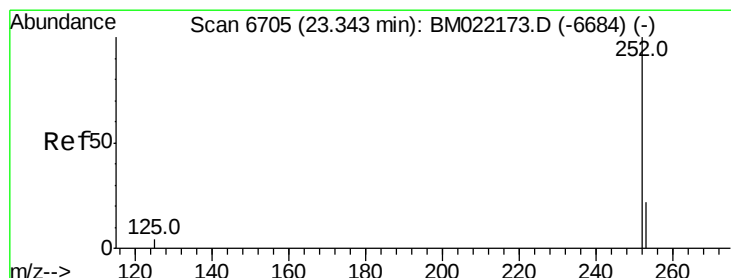
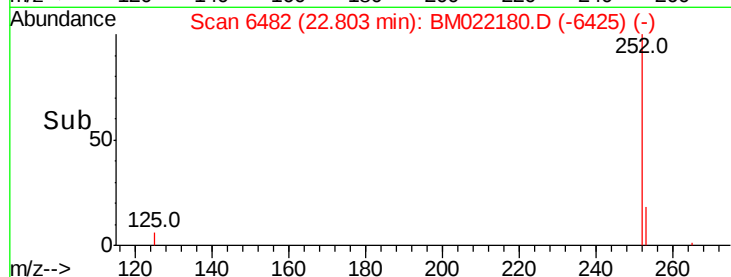
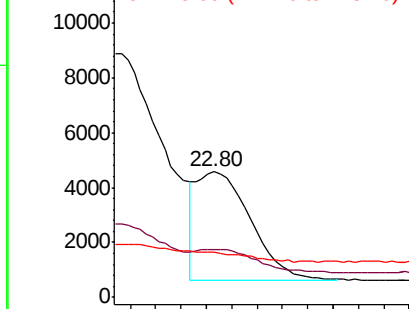
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.611 ng/ul

RT: 23.33 min Scan# 6699

Delta R.T. -0.01 min

Lab File: BM022180.D

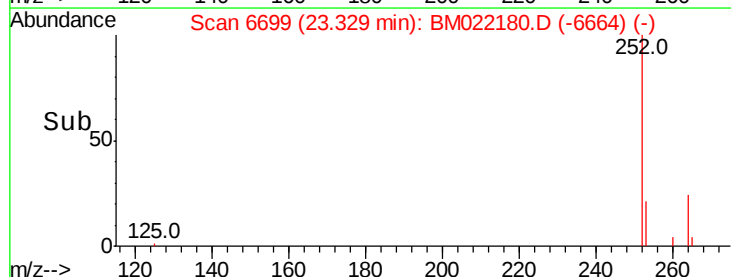
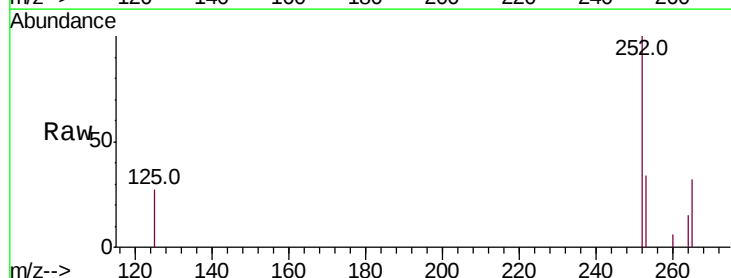
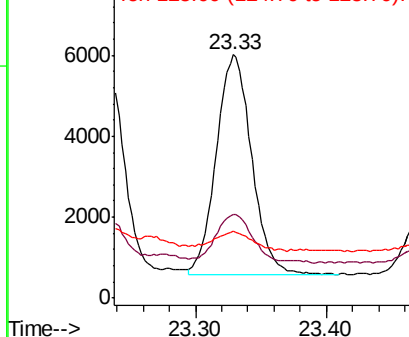
Acq: 16 Aug 2019 21:16

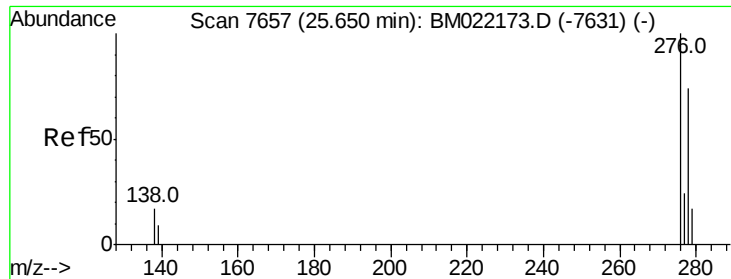
Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.2	31.7	47.5
125	27.3	14.6	21.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





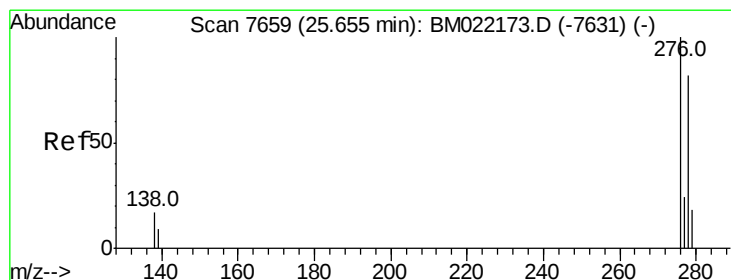
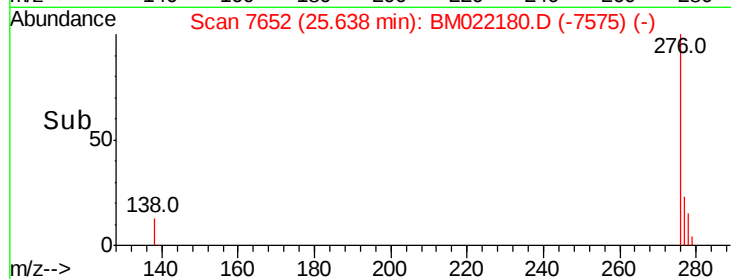
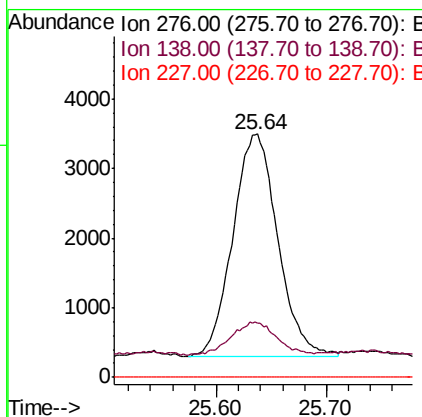
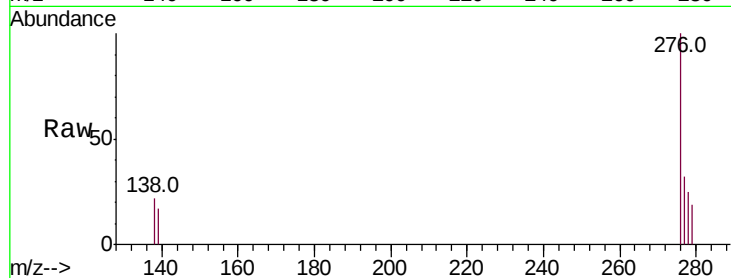
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.453 ng/uL
 RT: 25.64 min Scan# 7652
 Delta R.T. -0.01 min
 Lab File: BM022180.D
 Acq: 16 Aug 2019 21:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	15.1	22.7#
227	0.0	0.0	0.0

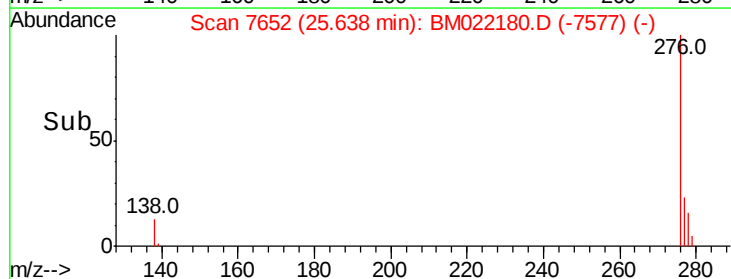
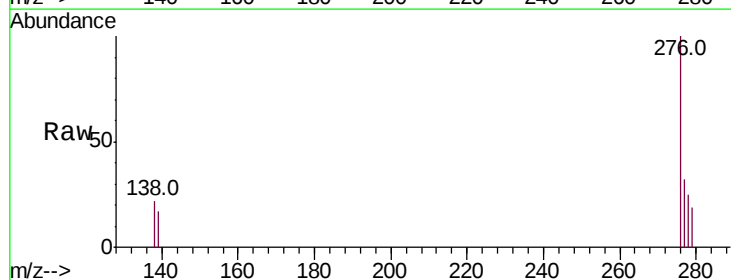
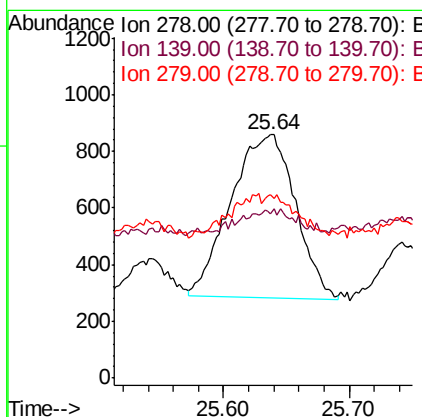
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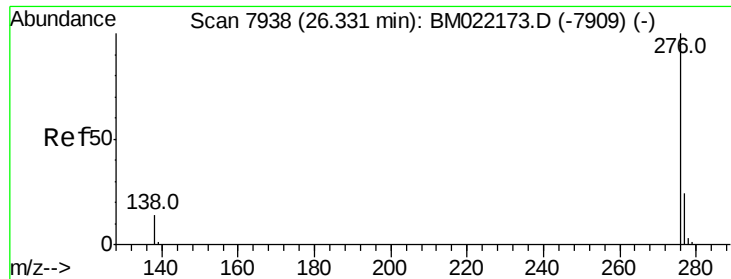
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/uL
 RT: 25.64 min Scan# 7652
 Delta R.T. -0.02 min
 Lab File: BM022180.D
 Acq: 16 Aug 2019 21:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	67.3	14.2	21.2#
279	75.6	28.3	42.5#





#26
Benzo(a,h,i)perylene
Concen: 0.507 ng/ul
RT: 26.32 min Scan# 7932
Delta R.T. -0.01 min
Lab File: BM022180.D
Acq: 16 Aug 2019 21:16

Instrument :
BNA_M
ClientSampleId :
C0AF2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.5	23.3
277	32.9	21.4	32.2

Manual Integrations
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