

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024164.D
 Acq On : 18 Dec 2019 22:12
 Operator : JU
 Sample : K6171-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS9

Manual Integrations
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mohammad
 12/19/2019 11:16:02 AM

Quant Time: Dec 19 03:23:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	399975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1828421	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1143963	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2376648	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1906640	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1897793	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	38696	4.27	ng/uL	0.00
5) Phenol-d5	6.65	99	879711	23.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	558974	24.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	682958	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	594275	19.20	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	332855	25.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	377994	26.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	693198	24.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	434066	12.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	2151657	25.44	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2708438	26.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	189070	12.45	ng/ul	0.00
58) Fluorene-d10	15.11	176	1981943	26.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	162529	11.21	ng/ul	0.00
71) Anthracene-d10	16.96	188	2930356	27.10	ng/ul	0.00
79) Pyrene-d10	19.27	212	3116932	34.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2608559	27.67	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.67	94	65387	1.672	ng/ul#	89
14) Acetophenone	8.28	105	59579	1.276	ng/ul	97
16) 4-Methylphenol	8.23	108	77488	2.400	ng/ul	86
45) Dimethylphthalate	13.58	163	446026	5.073	ng/ul	99
70) Phenanthrene	16.90	178	338329	2.543	ng/ul	99
77) Fluoranthene	18.93	202	808443	5.575	ng/ul	100
80) Pyrene	19.30	202	662148	5.320	ng/ul	100
83) Benzo(a)anthracene	21.06	228	277654	2.286	ng/ul	97
85) Chrysene	21.11	228	316493m	2.658	ng/ul	
88) Benzo(b)fluoranthene	22.58	252	399012	3.514	ng/ul#	93
91) Benzo(a)pyrene	23.11	252	252899	2.462	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.31	276	173893	1.410	ng/ul	96
94) Benzo(g,h,i)perylene	25.96	276	191433	1.901	ng/ul	95

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

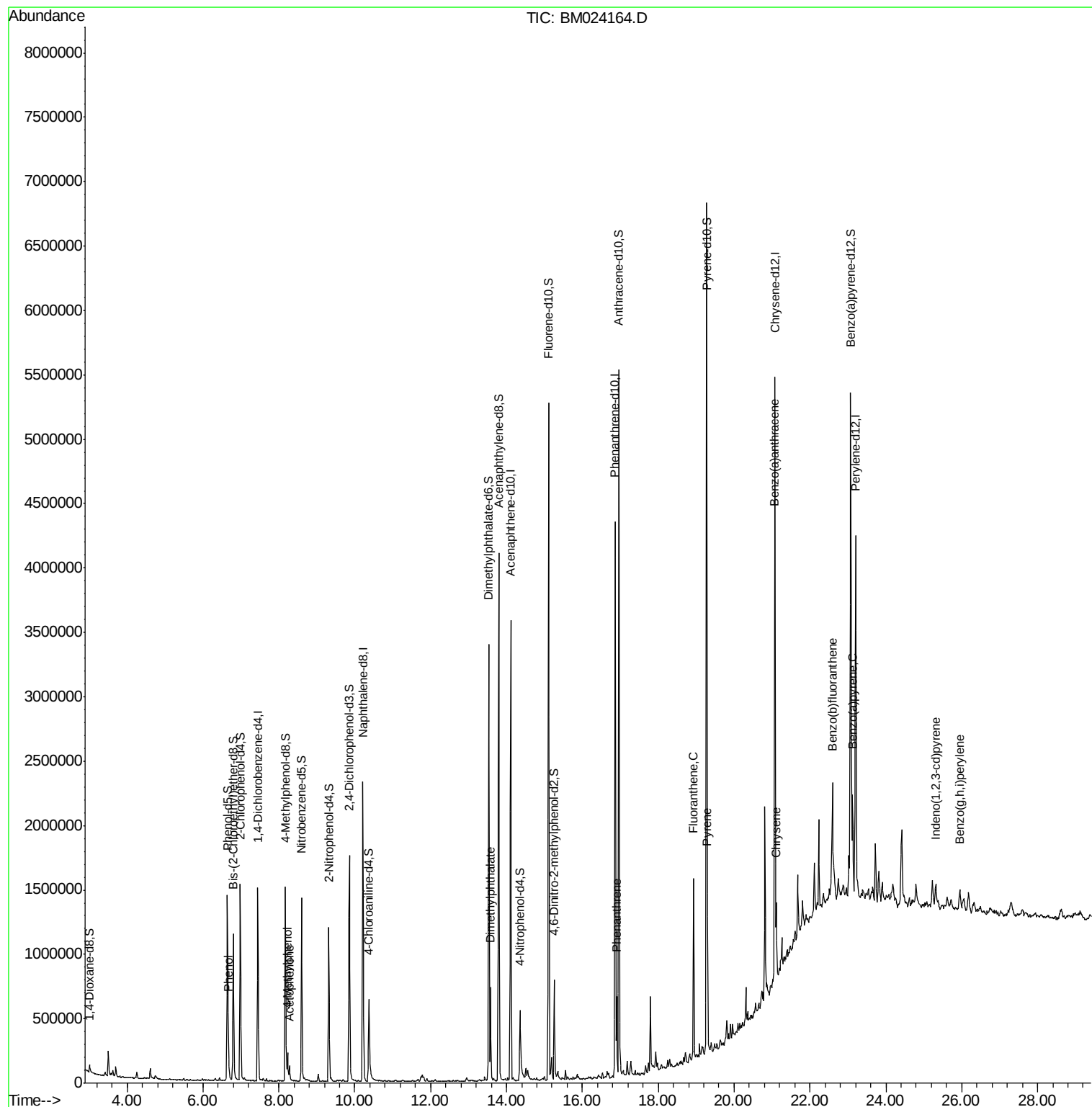
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

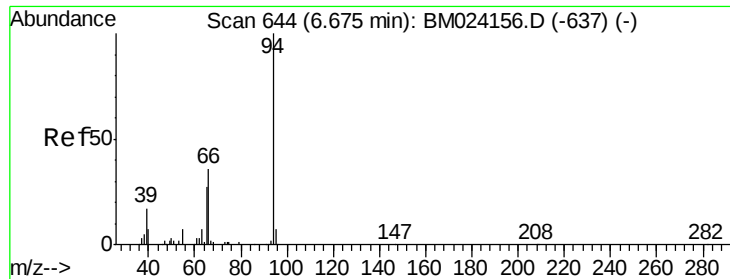
Instrument :
BNA_M
ClientSampleId :
C0BS9

Quant Time: Dec 19 03:23:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 1.672 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM024164.D

Acq: 18 Dec 2019 22:12

Instrument :

BNA_M

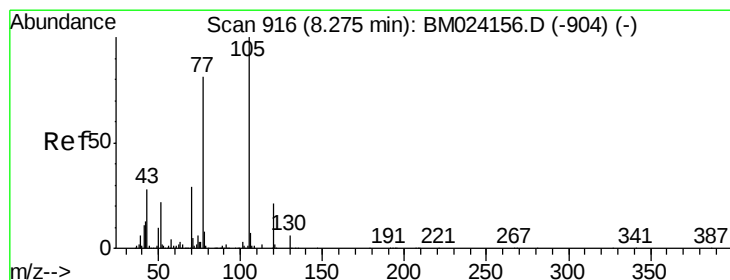
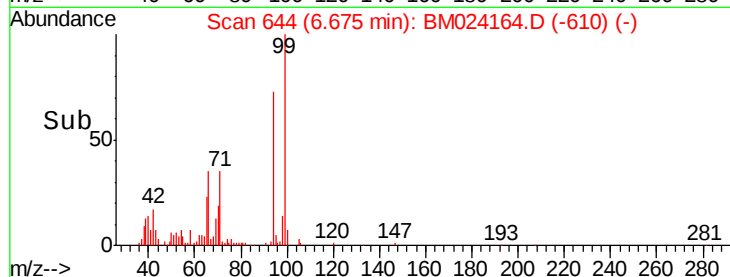
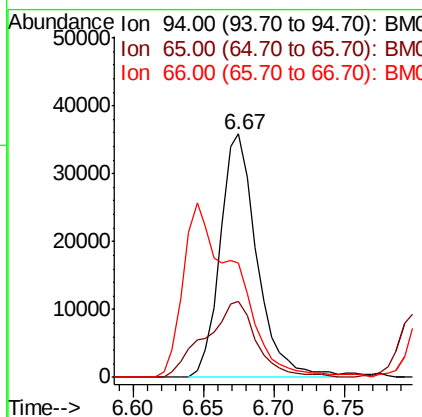
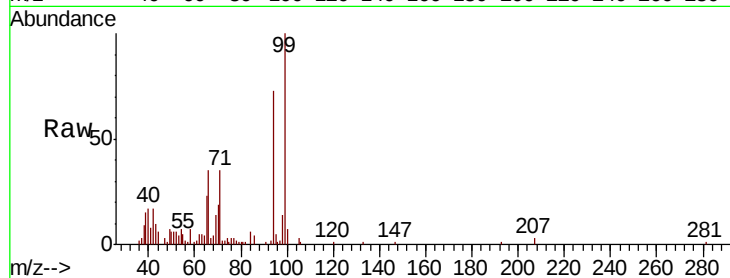
ClientSampleId :

C0BS9

Tot Ion:	94	Resp:	65387
Ion	Ratio	Lower	Upper
94	100		
65	31.1	22.6	33.8
66	47.2	30.7	46.1

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#14

Acetophenone

Concen: 1.276 ng/ul

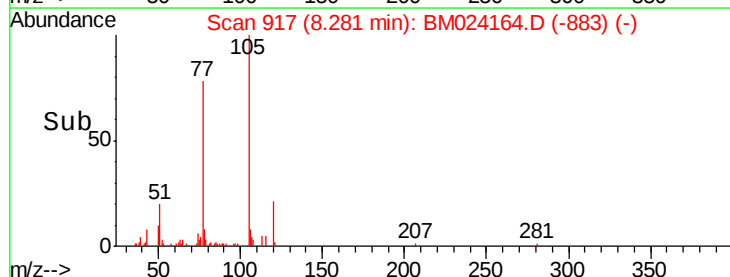
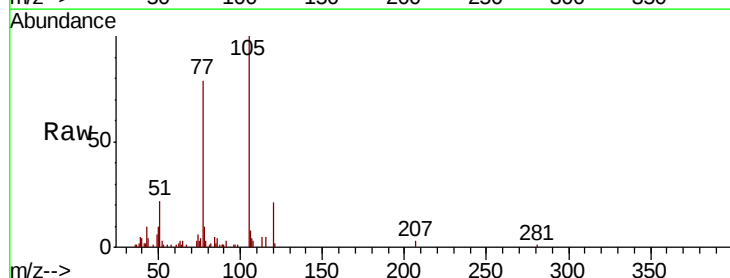
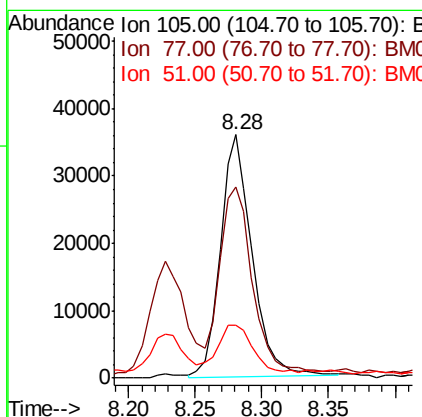
RT: 8.28 min Scan# 917

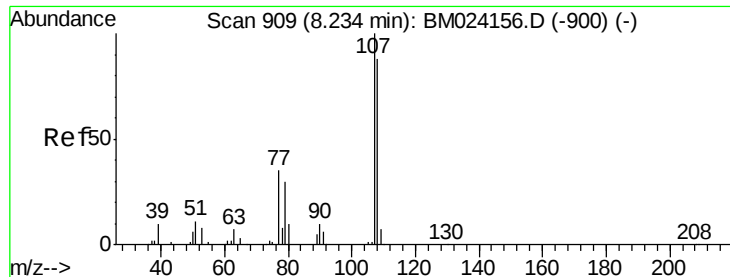
Delta R.T. -0.00 min

Lab File: BM024164.D

Acq: 18 Dec 2019 22:12

Tgt Ion:	105	Resp:	59579
Ion	Ratio	Lower	Upper
105	100		
77	78.7	65.6	98.4
51	21.9	18.3	27.5





#16

4-Methylphenol

Concen: 2.400 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024164.D

Acq: 18 Dec 2019 22:12

Instrument :

BNA_M

ClientSampleId :

C0BS9

Tot Ion:108 Resp: 77488

Ion Ratio Lower Upper

108 100

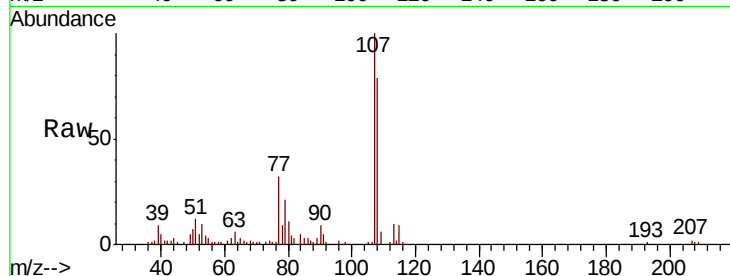
107 126.8 89.1 133.7

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

50000

40000

30000

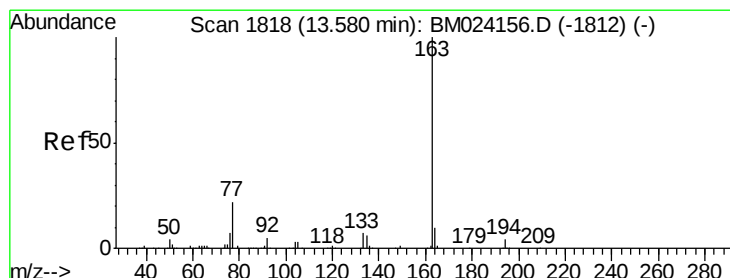
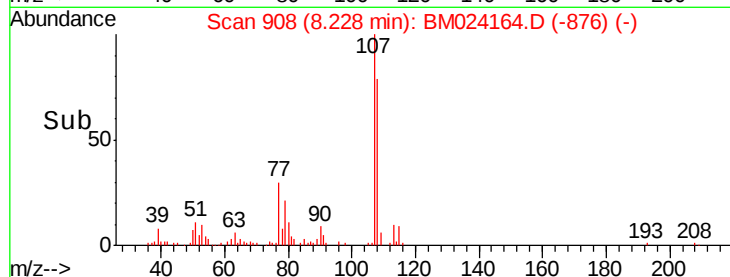
20000

10000

0

8.15 8.20 8.23 8.25 8.30

Time-->



#45

Dimethylphthalate

Concen: 5.073 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM024164.D

Acq: 18 Dec 2019 22:12

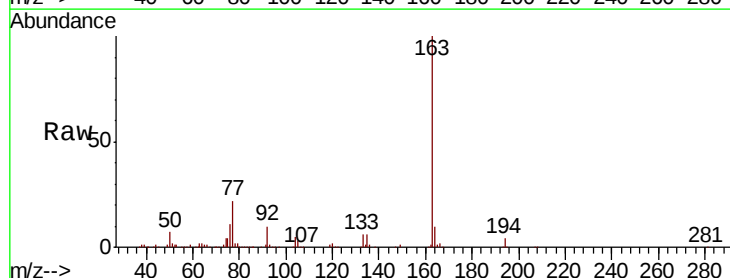
Tgt Ion:163 Resp: 446026

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.1 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

400000

300000

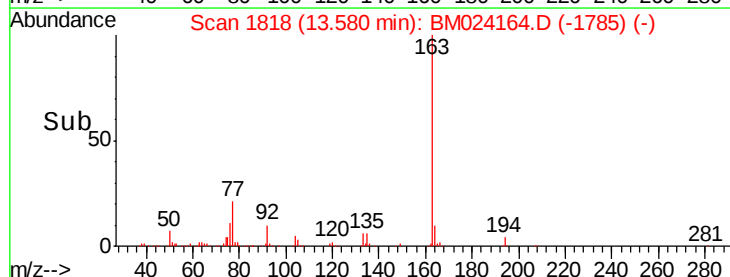
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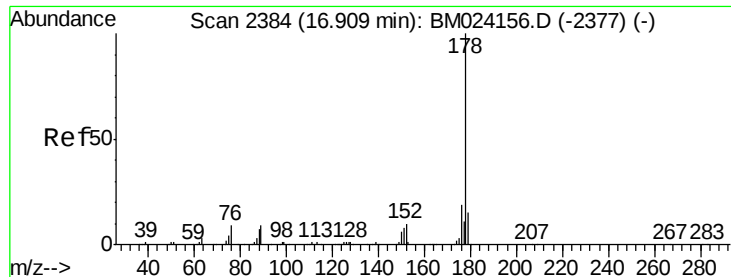
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0

13.50 13.55 13.58 13.60 13.65

Time-->





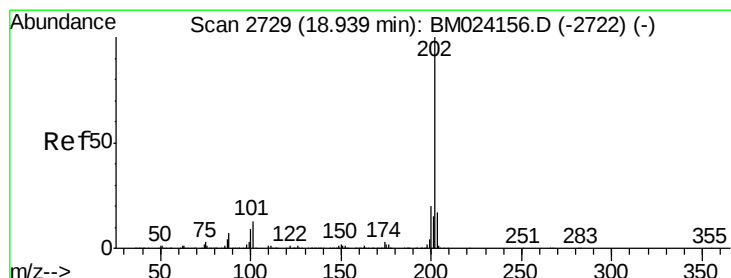
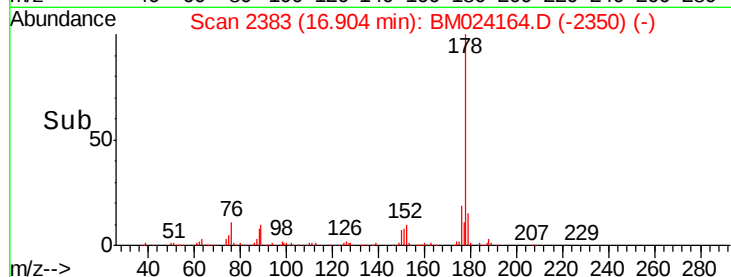
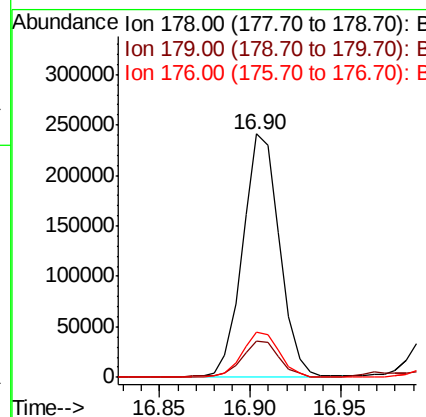
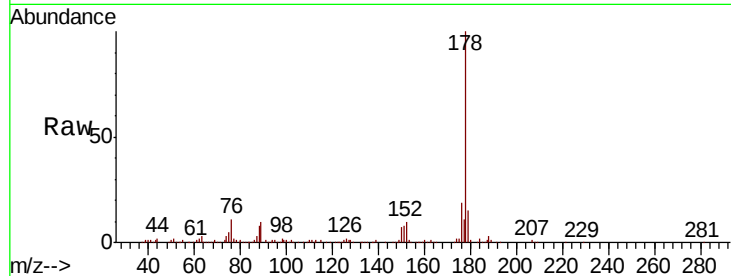
#70
Phenanthrene
Concen: 2.543 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Instrument :
BNA_M
ClientSampleId :
C0BS9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.8	15.1	22.7

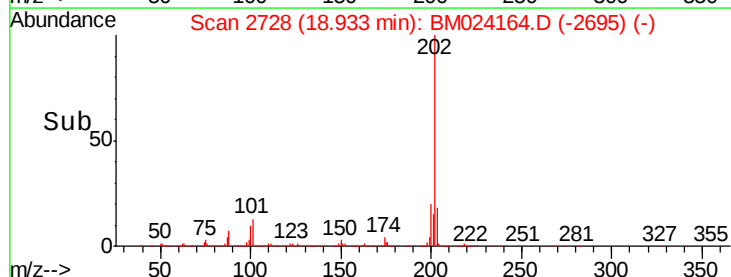
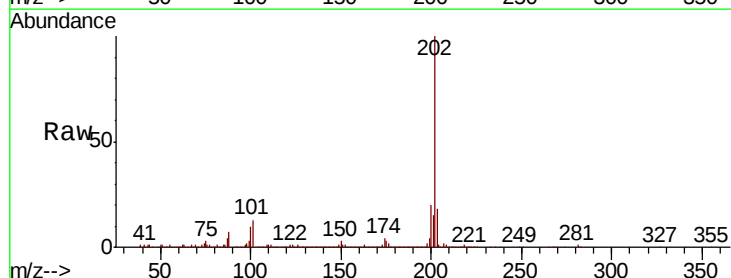
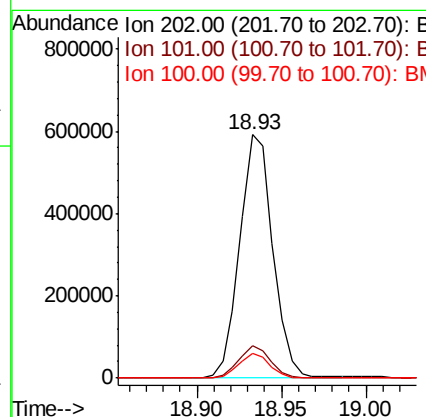
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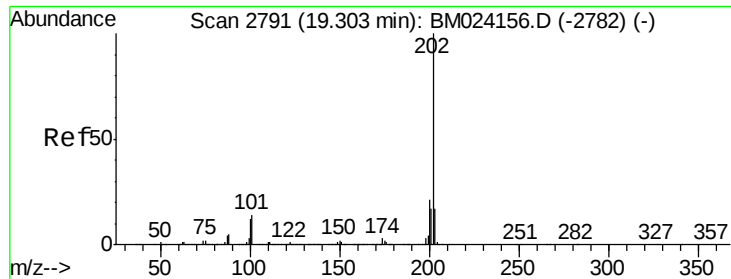
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#77
Fluoranthene
Concen: 5.575 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	15.8
100	10.1	8.1	12.1





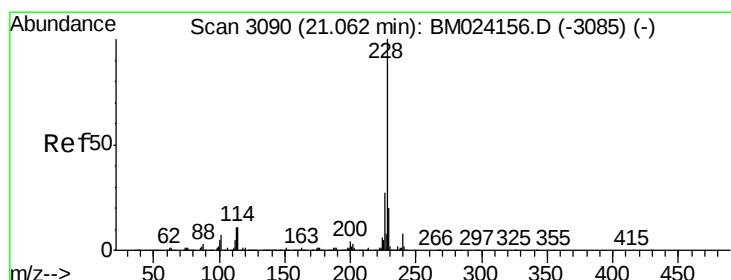
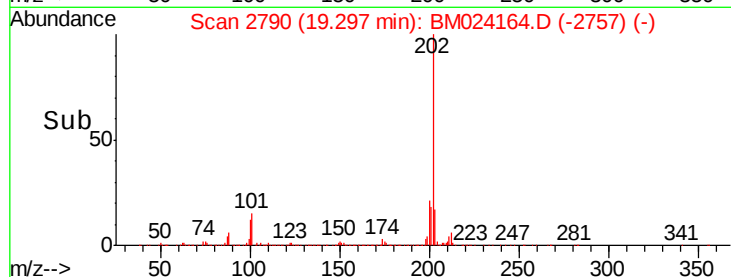
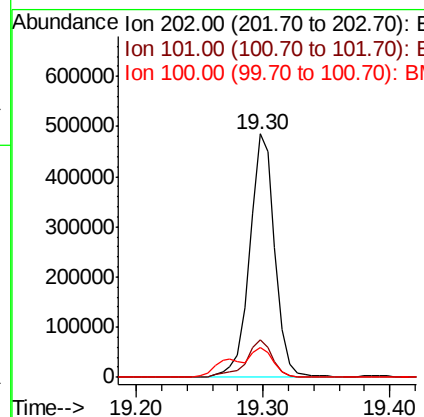
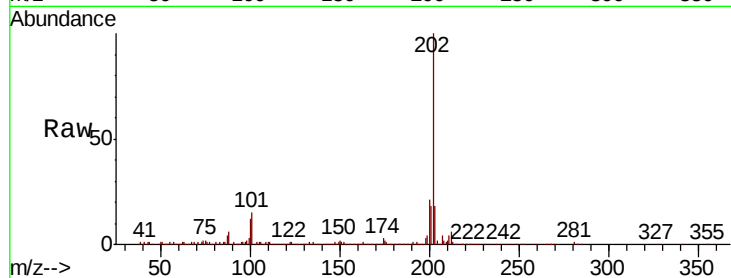
#80
Pvrene
Concen: 5.320 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Instrument :
BNA_M
ClientSampleId :
C0BS9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.4	10.0	15.0

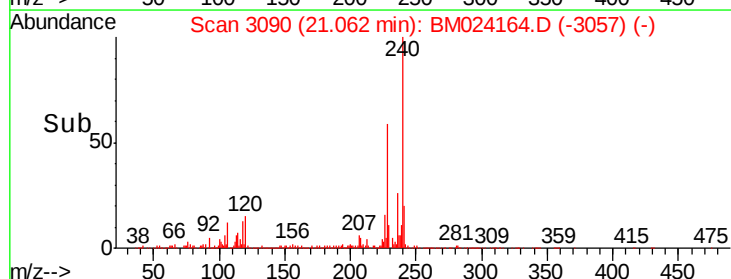
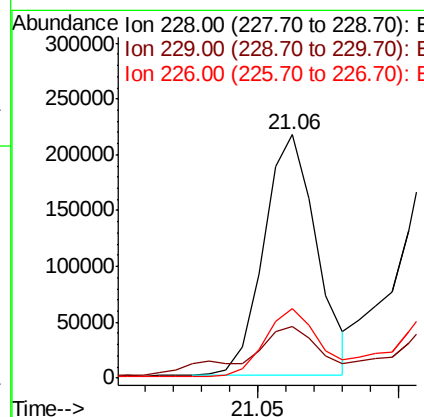
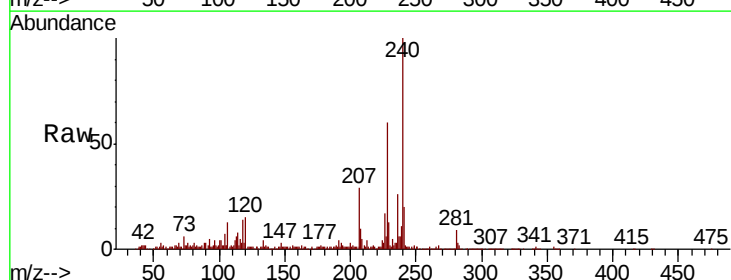
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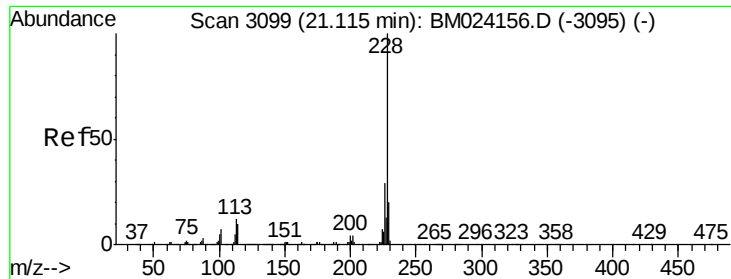
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#83
Benzo(a)anthracene
Concen: 2.286 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.4	15.8	23.8
226	28.8	22.2	33.2





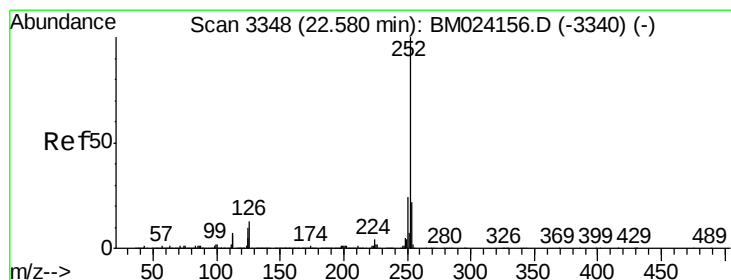
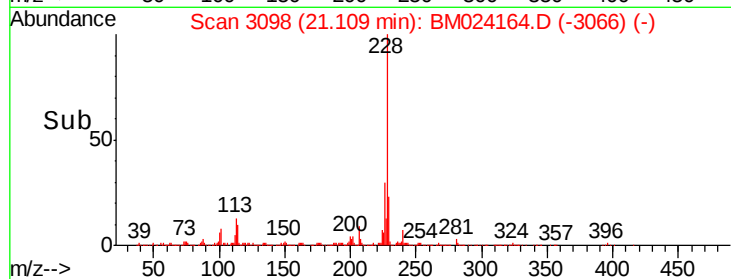
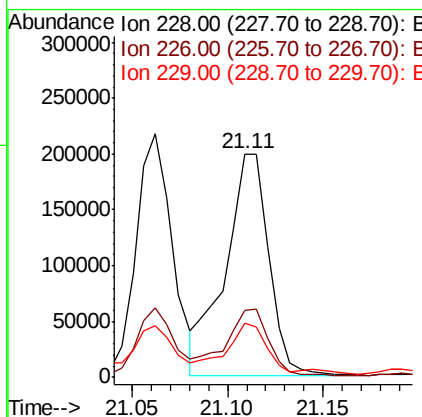
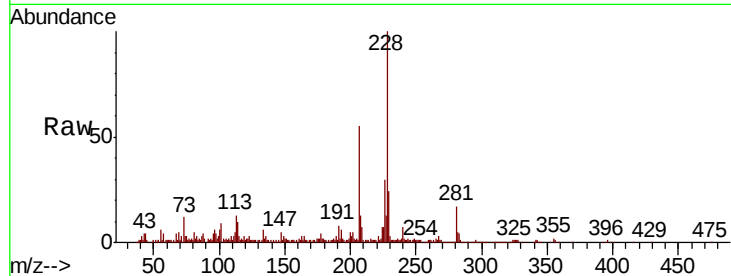
#85
Chrysene
Concen: 2.658 ng/ul m
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Instrument :
BNA_M
ClientSampled :
C0BS9

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	24.2	15.4	23.2

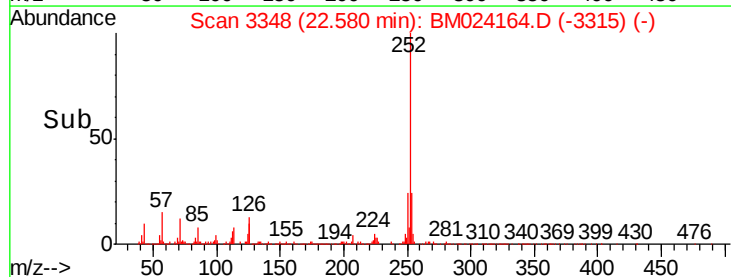
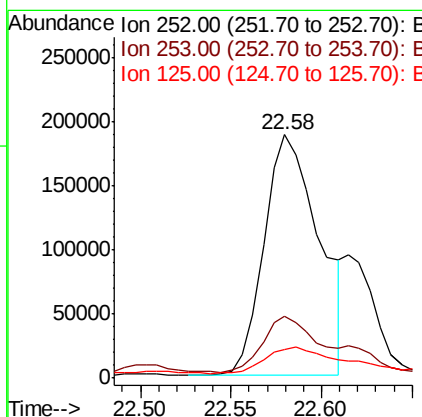
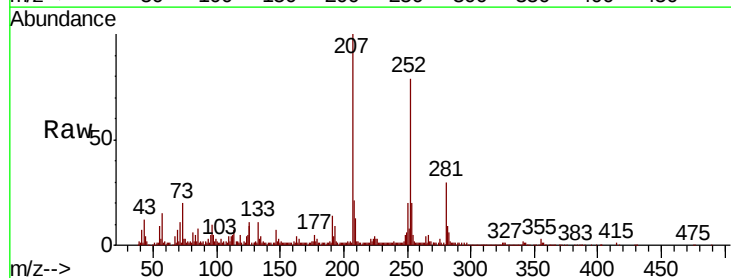
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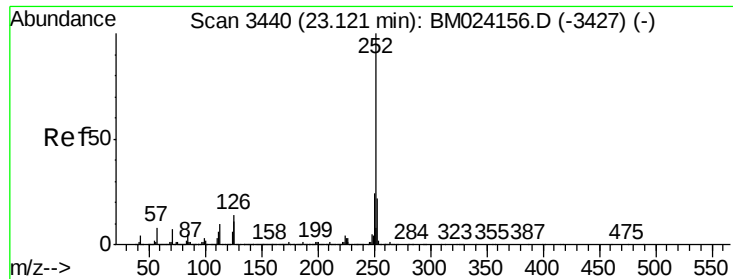
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#88
Benzo(b)fluoranthene
Concen: 3.514 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	11.9	7.8	11.8





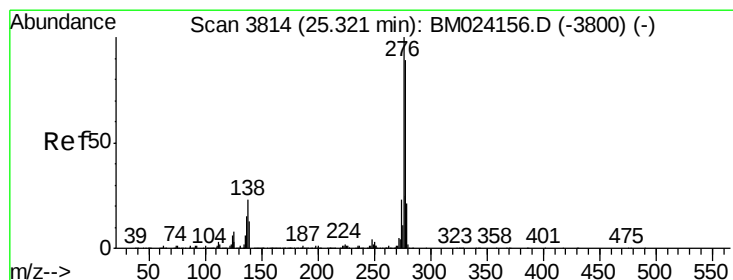
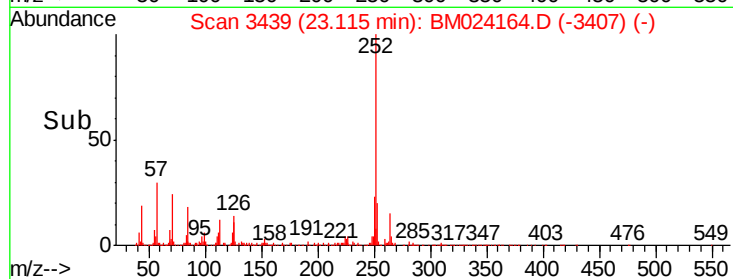
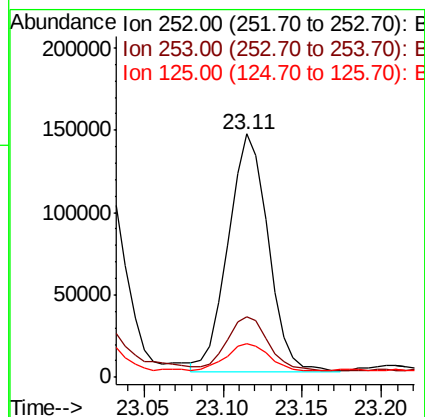
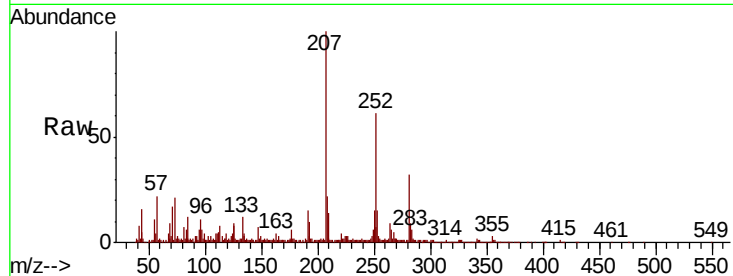
#91
Benzo(a)pyrene
Concen: 2.462 ng/ul
RT: 23.11 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Instrument :
BNA_M
ClientSampleId :
C0BS9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.0	17.5	26.3
125	13.8	8.2	12.4

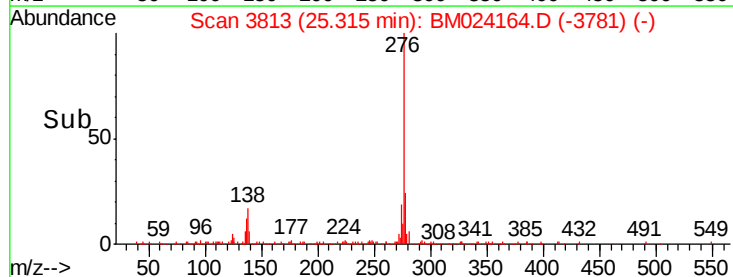
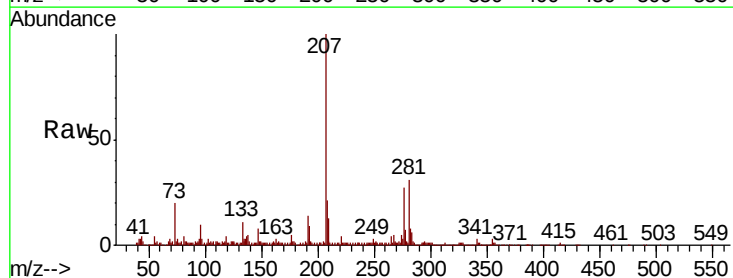
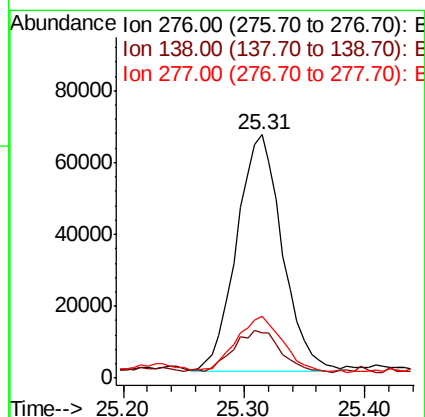
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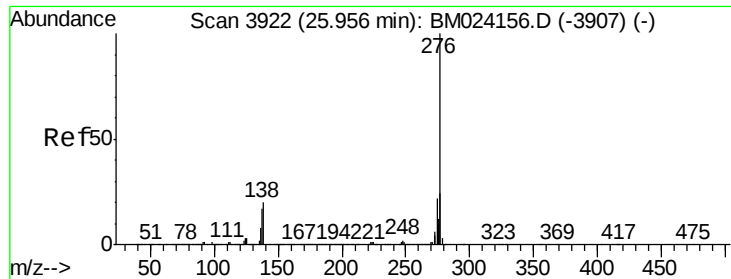
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.410 ng/ul
RT: 25.31 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM024164.D
Acq: 18 Dec 2019 22:12

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.5	18.3	27.5
277	25.2	20.2	30.2





#94
 Benzo(a,h,i)perylene
 Concen: 1.901 ng/ul
 RT: 25.96 min Scan# 3922
 Delta R.T. -0.01 min
 Lab File: BM024164.D
 Acq: 18 Dec 2019 22:12

Instrument :
 BNA_M
 ClientSampleId :
 C0BS9

Tot Ion:	276	Resp:	191433
Ion Ratio	Lower	Upper	
276	100		
138	20.4	15.3	22.9
277	27.2	19.3	28.9

Manual Integrations
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