

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
 Data File : BN008824.D
 Acq On : 03 Dec 2019 10:33
 Operator : JU
 Sample : K5851-05DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA3DL

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Quant Time: Dec 03 11:11:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 11:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	20540	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11567	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	23559	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	18737	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	16187	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1135	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	2742	0.04	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.93	152	13343	0.209	ng/ul	100
12) Phenanthrene	17.00	178	13014	0.164	ng/ul	99
13) Anthracene	17.09	178	8429	0.112	ng/ul	98
15) Fluoranthene	19.02	202	97251	0.996	ng/ul	100
17) Pyrene	19.39	202	84828	1.128	ng/ul	99
18) Benzo(a)anthracene	21.15	228	58186	0.772	ng/ul	95
19) Chrysene	21.20	228	48973	0.662	ng/ul	97
21) Benzo(b)fluoranthene	22.69	252	58574m	0.878	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	24709m	0.373	ng/ul	
23) Benzo(a)pyrene	23.23	252	40122	0.640	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.46	276	21920	0.299	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.46	278	6001	0.101	ng/ul#	61
26) Benzo(g,h,i)perylene	26.10	276	19250	0.314	ng/ul	95

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

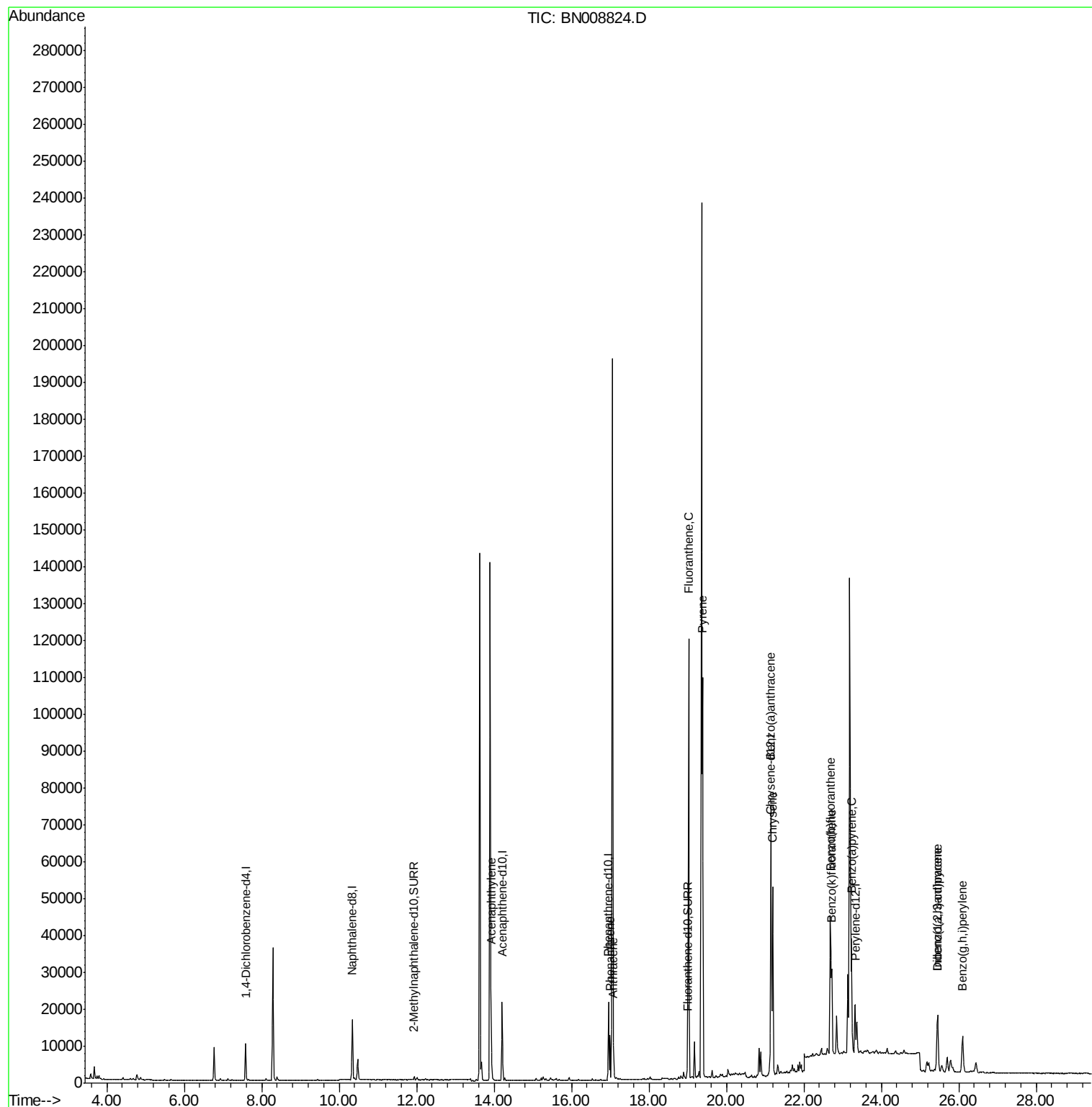
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008824.D
Acq On : 03 Dec 2019 10:33
Operator : JU
Sample : K5851-05DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

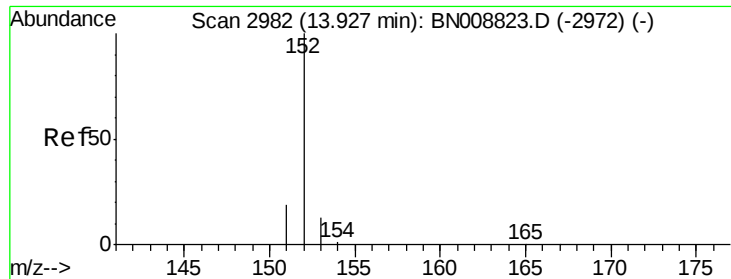
Instrument :
BNA_N
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C0AA3DL

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Quant Time: Dec 03 11:11:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.209 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

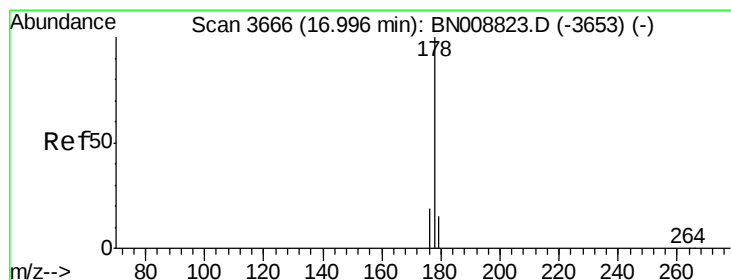
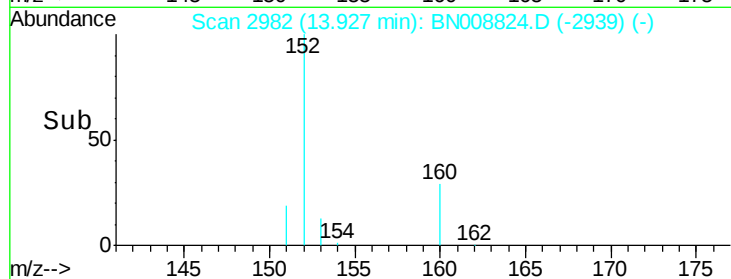
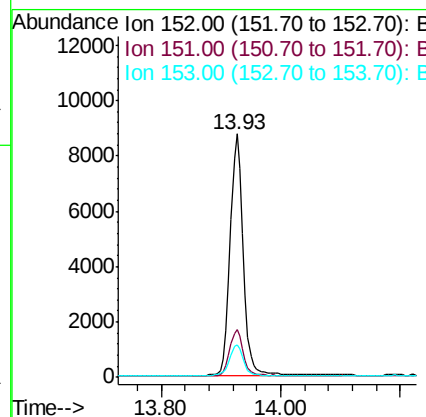
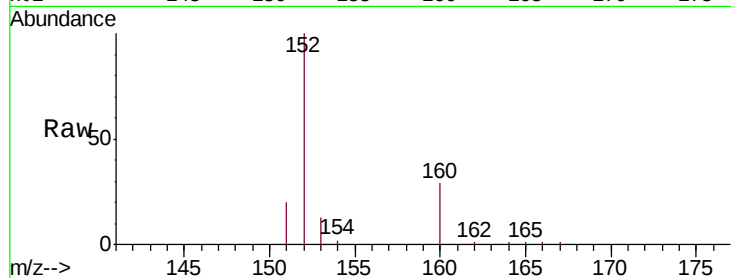
ClientSampleId :

C0AA3DL

Tgt Ion:	152	Resp:	13343
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.5	10.6	15.8

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#12

Phenanthrene

Concen: 0.164 ng/ul

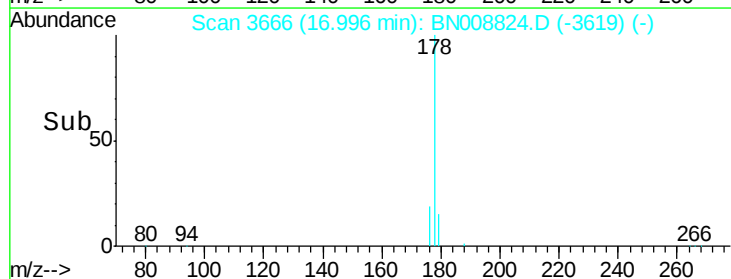
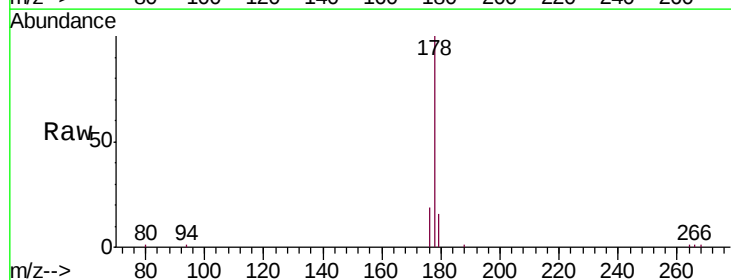
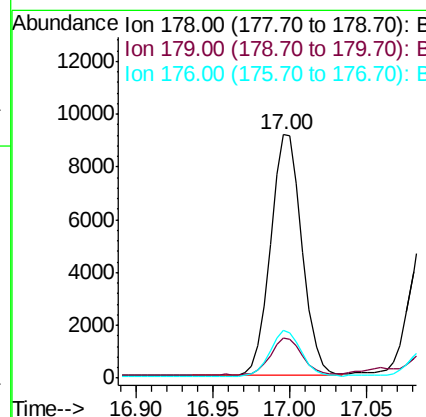
RT: 17.00 min Scan# 3666

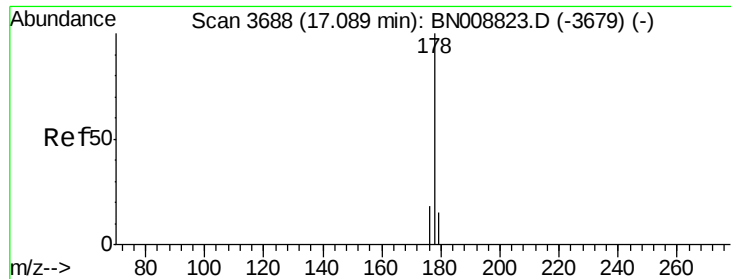
Delta R.T. -0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Tgt Ion:	178	Resp:	13014
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.4	15.3	22.9





#13

Anthracene

Concen: 0.112 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

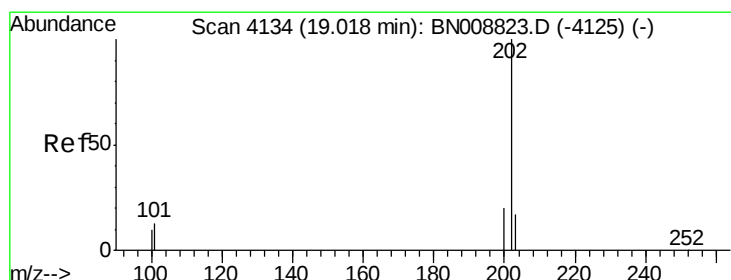
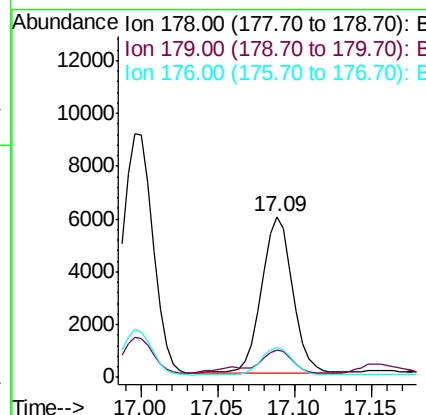
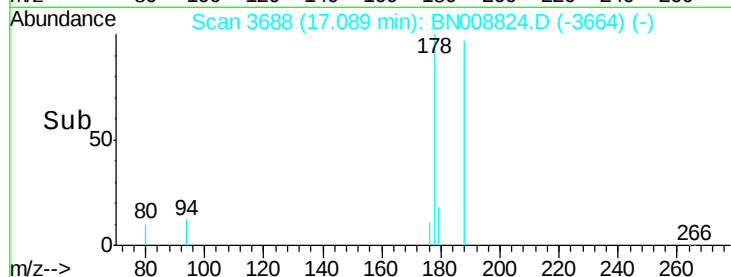
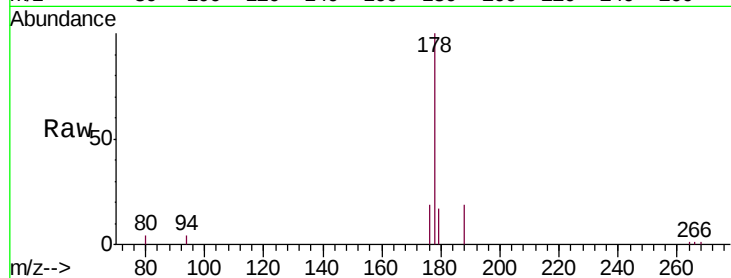
ClientSampleId :

C0AA3DL

Tgt Ion:	178	Resp:	8429
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.2	18.4
176	18.9	14.7	22.1

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#15

Fluoranthene

Concen: 0.996 ng/ul

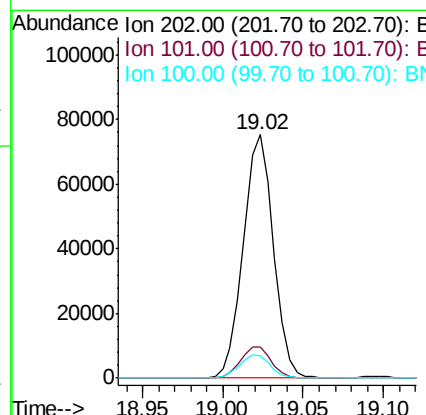
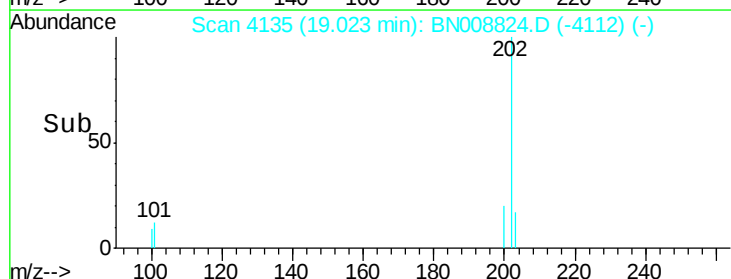
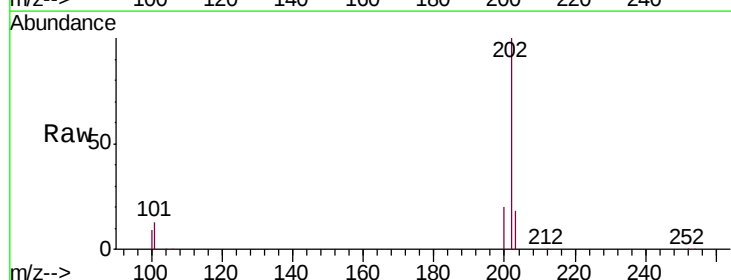
RT: 19.02 min Scan# 4135

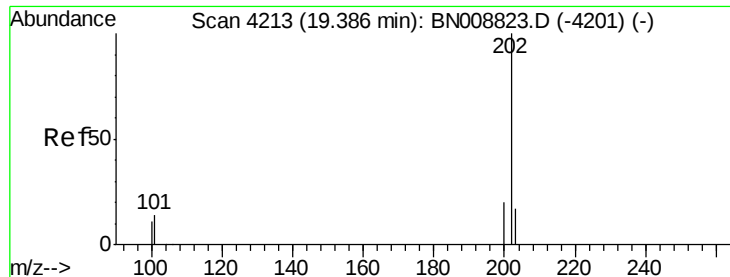
Delta R.T. 0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Tgt Ion:	202	Resp:	97251
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.4
100	9.1	0.0	29.2





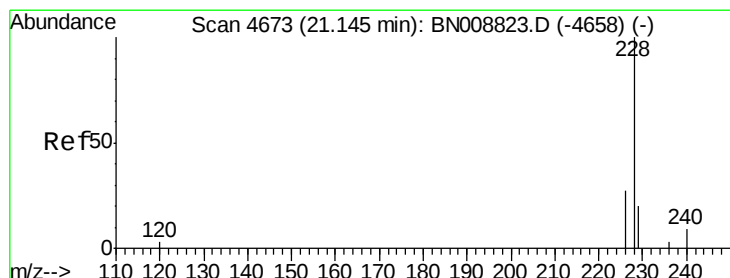
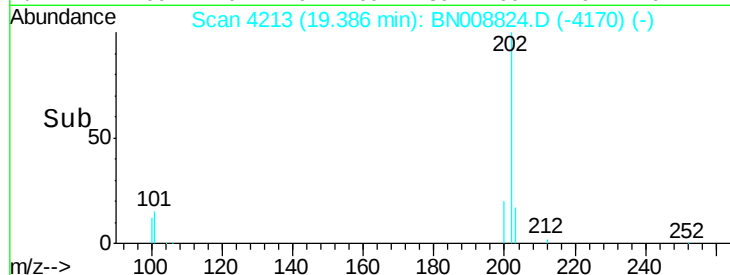
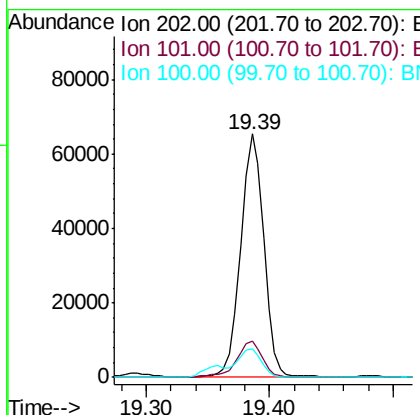
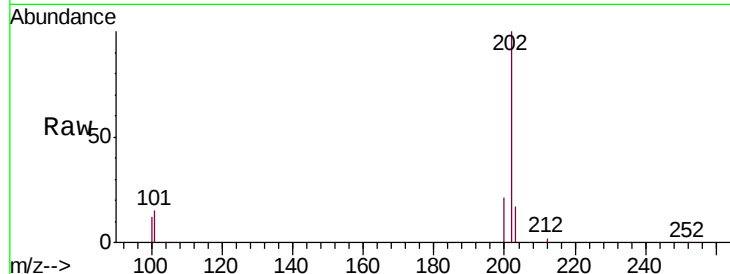
#17
 Pyrene
 Concen: 1.128 ng/ul
 RT: 19.39 min Scan# 4213
 Delta R.T. -0.00 min
 Lab File: BN008824.D
 Acq: 03 Dec 2019 10:33

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.8	12.2	18.4
100	12.0	9.5	14.3

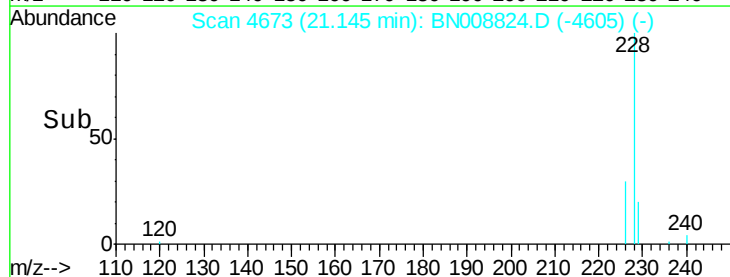
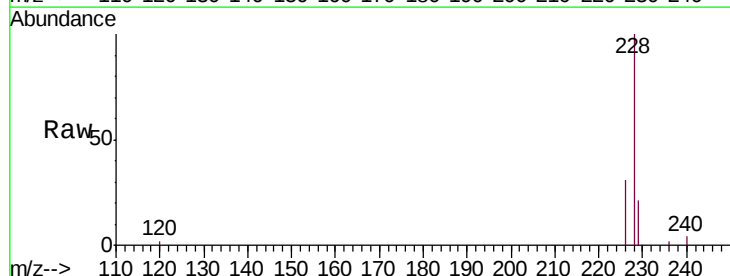
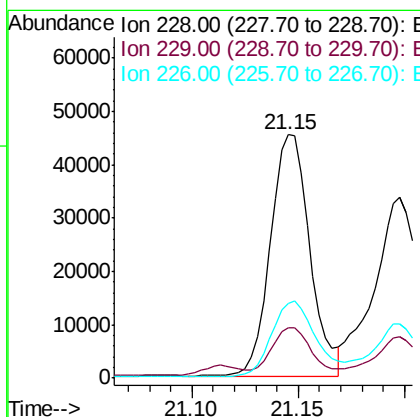
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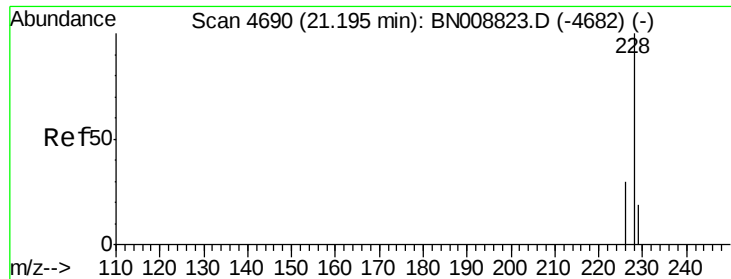
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#18
 Benzo(a)anthracene
 Concen: 0.772 ng/ul
 RT: 21.15 min Scan# 4673
 Delta R.T. -0.00 min
 Lab File: BN008824.D
 Acq: 03 Dec 2019 10:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	15.7	23.5
226	30.7	21.5	32.3





#19

Chrysene

Concen: 0.662 ng/ul

RT: 21.20 min Scan# 4691

Delta R.T. 0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

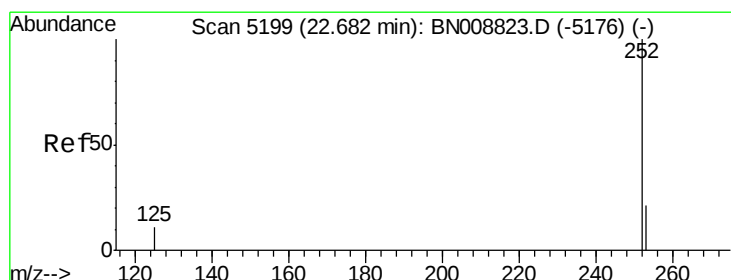
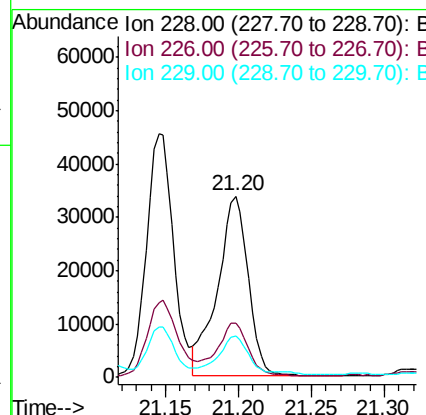
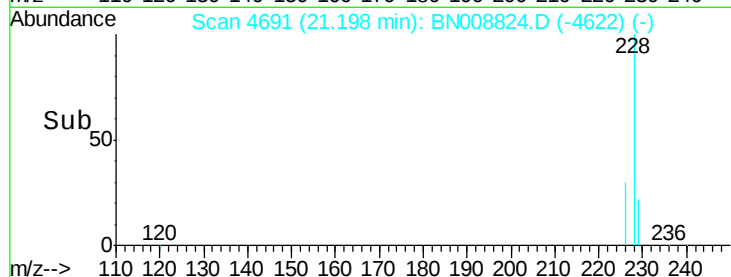
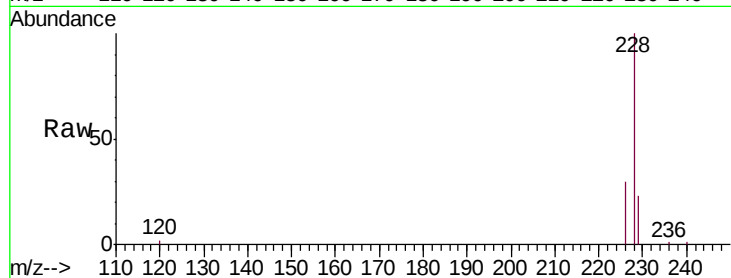
ClientSampleId :

C0AA3DL

Tgt Ion:	228	Resp:	48973
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.6
229	22.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.878 ng/ul m

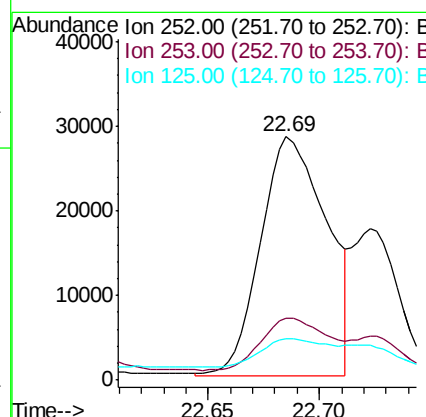
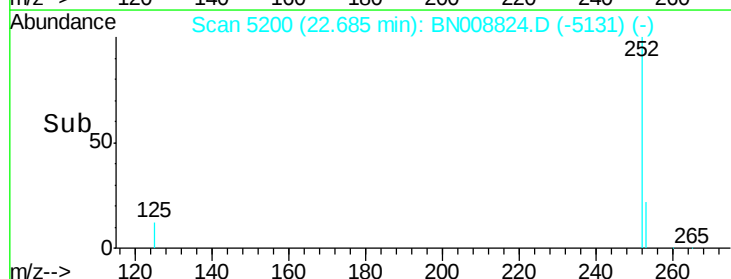
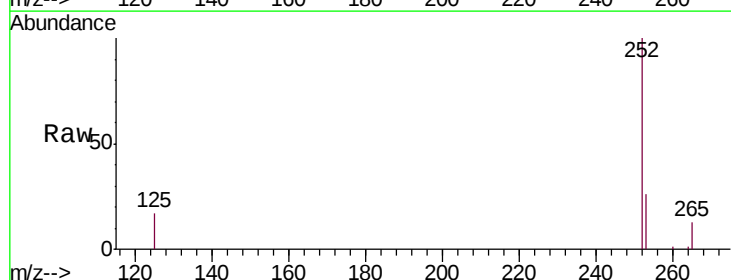
RT: 22.69 min Scan# 5200

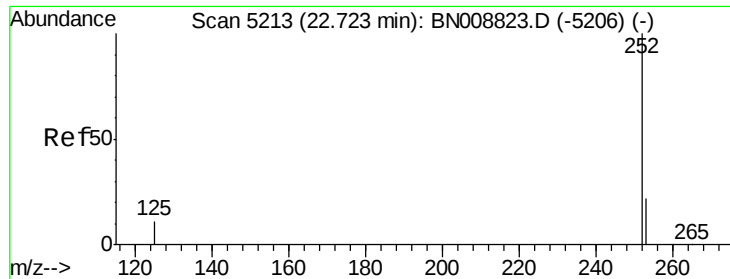
Delta R.T. 0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Tgt Ion:	252	Resp:	58574
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	48.6
125	16.9	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.373 ng/ul m

RT: 22.72 min Scan# 5213

Delta R.T. -0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

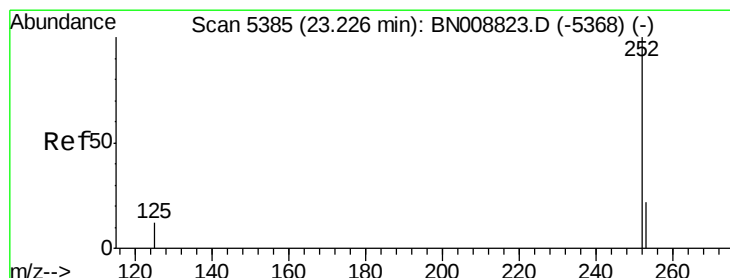
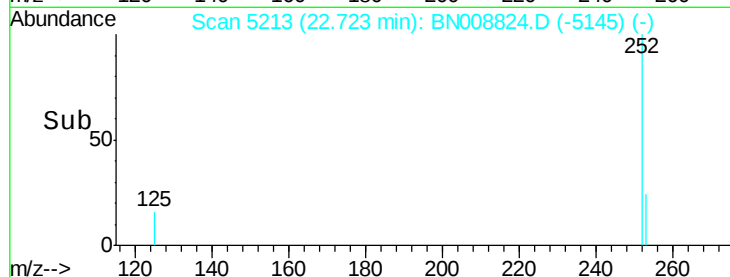
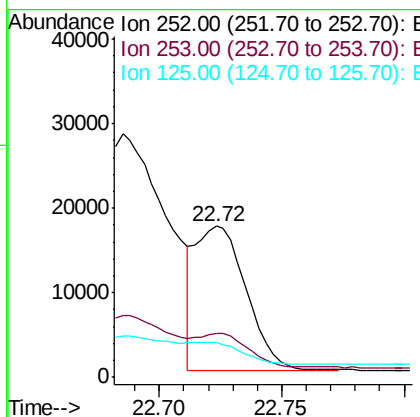
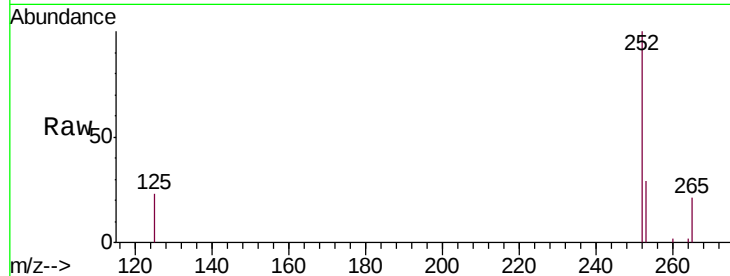
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.6	29.4
125	23.3	13.8	20.6

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#23

Benzo(a)pyrene

Concen: 0.640 ng/ul

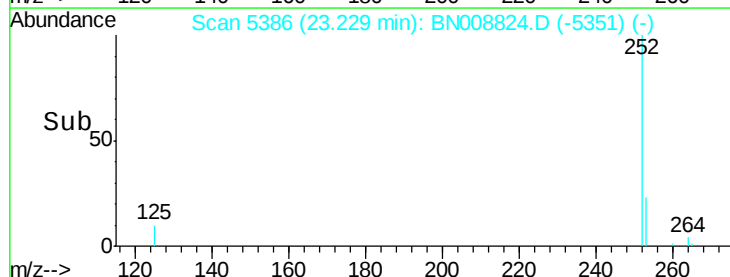
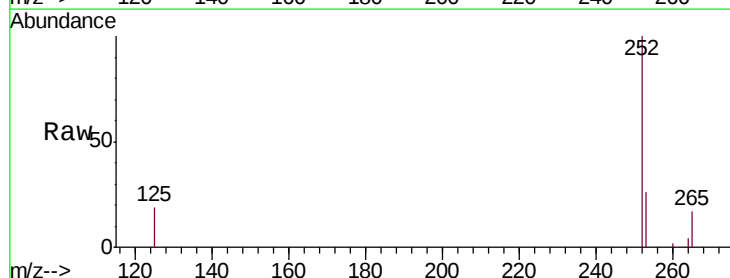
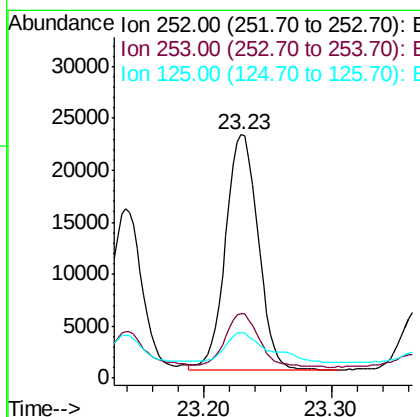
RT: 23.23 min Scan# 5386

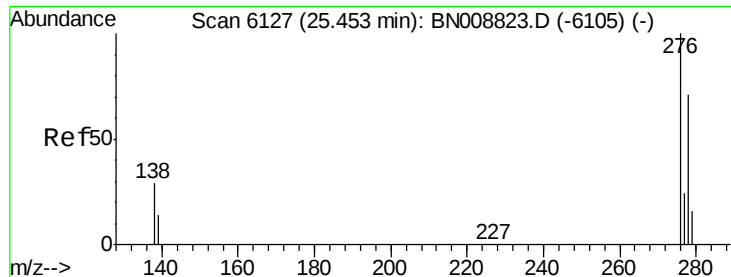
Delta R.T. 0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.9	29.9
125	18.7	14.6	22.0





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

RT: 25.46 min Scan# 6128

Delta R.T. 0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

ClientSampleId :

C0AA3DL

Tgt Ion: 276 Resp: 21920

Ion Ratio Lower Upper

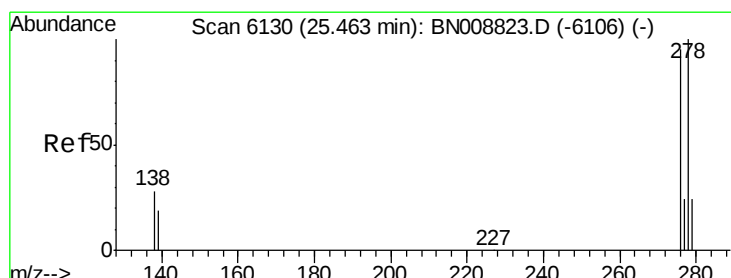
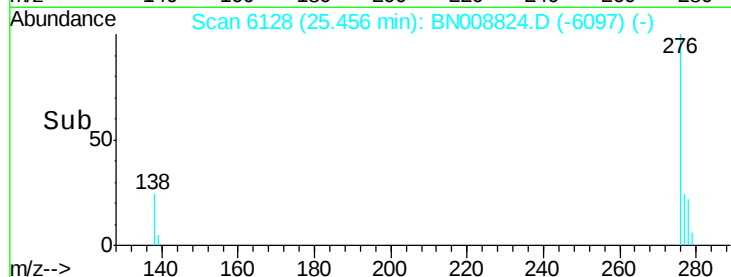
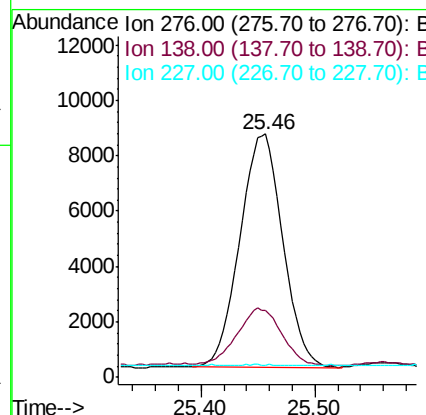
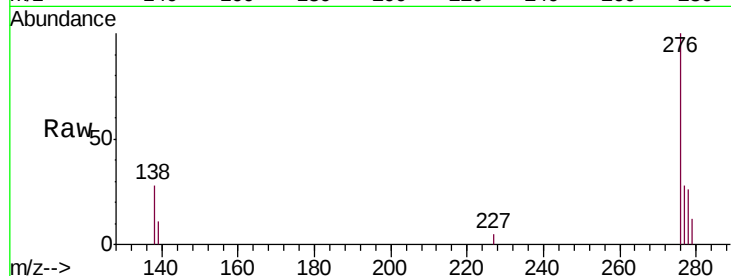
276 100

138 0.0 23.8 35.6#

227 0.2 0.2 0.2#

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#25

Dibenzo(a,h)anthracene

Concen: 0.101 ng/ul

RT: 25.46 min Scan# 6129

Delta R.T. -0.00 min

Lab File: BN008824.D

Acq: 03 Dec 2019 10:33

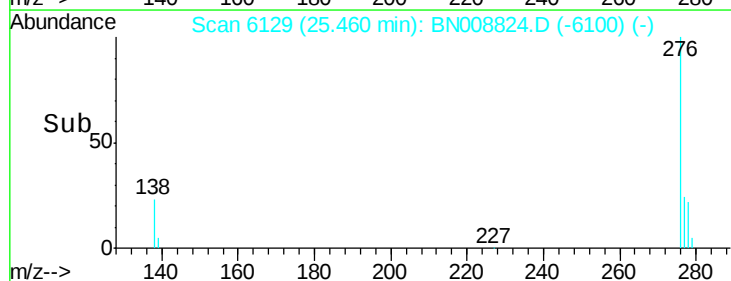
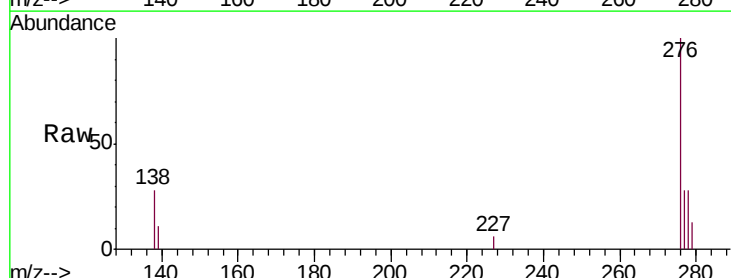
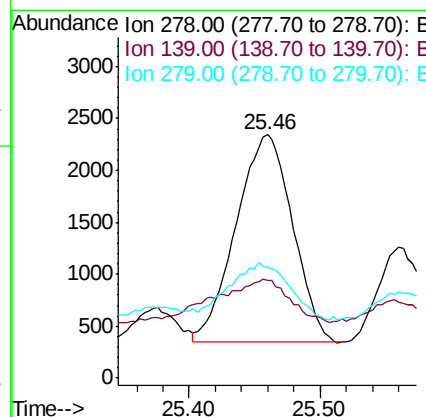
Tgt Ion: 278 Resp: 6001

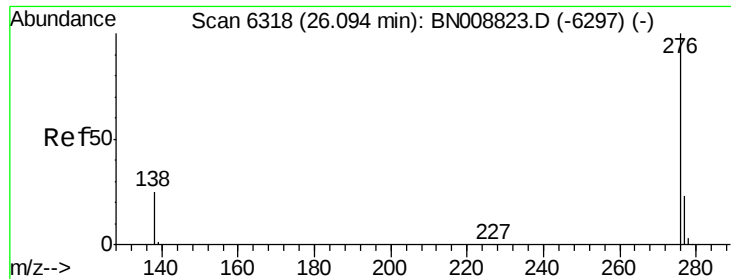
Ion Ratio Lower Upper

278 100

139 40.1 17.4 26.0#

279 45.6 20.5 30.7#





#26

Benzo(g,h,i)perylene

Concen: 0.314 ng/ul

RT: 26.10 min Scan# 6320

Delta R.T. 0.01 min

Lab File: BN008824.D

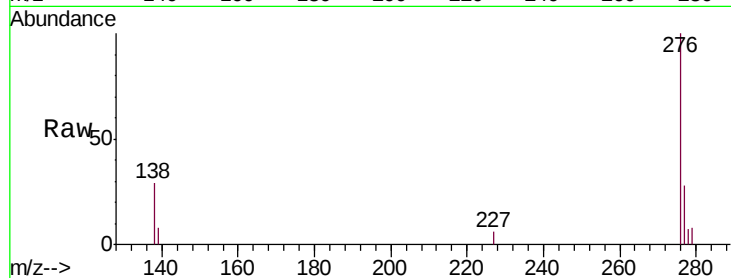
Acq: 03 Dec 2019 10:33

Instrument :

BNA_N

ClientSampleId :

C0AA3DL



Tgt Ion:	276	Resp:	19250
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.9	32.9
277	27.9	19.9	29.9

Manual Integrations
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