

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034039.D
 Acq On : 27 Apr 2018 15:05
 Operator : SJ/JU
 Sample : J2154-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518

Manual Integrations
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Sohil
 4/30/2018 7:02:25 PM

Quant Time: Apr 28 01:10:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	48771m	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	212306	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	156363	20.00	ng	-0.08
63) Phenanthrene-d10	17.15	188	440575	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	497128	20.00	ng	-0.10
86) Perylene-d12	24.39	264	488245	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	356795	116.80	ng	-0.08
7) Phenol-d6	6.95	99	394135	88.46	ng	-0.05
23) Nitrobenzene-d5	8.91	82	324302	86.93	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	326595	179.03	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1054080	99.03	ng	-0.09
78) Terphenyl-d14	19.78	244	2299401	103.91	ng	-0.08
Target Compounds						
76) Benzidine	19.44	184	49994	3.724	ng	Qvalue # 94

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

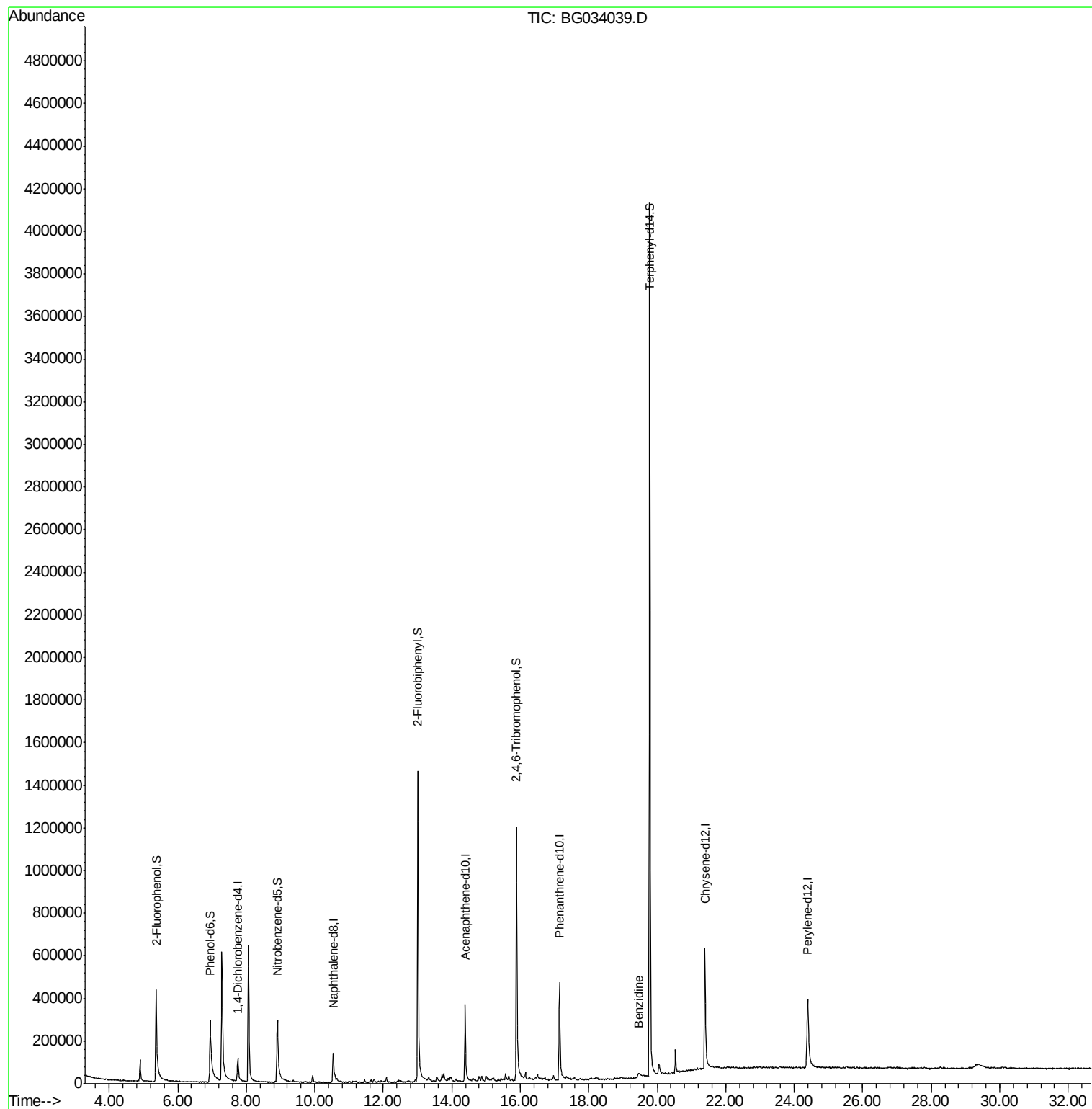
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034039.D
Acq On : 27 Apr 2018 15:05
Operator : SJ/JU
Sample : J2154-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

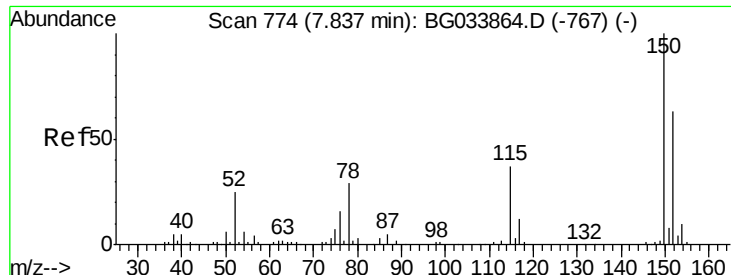
Instrument :
BNA_G
ClientSampleId :
JC-01-042518

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Quant Time: Apr 28 01:10:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration





#1

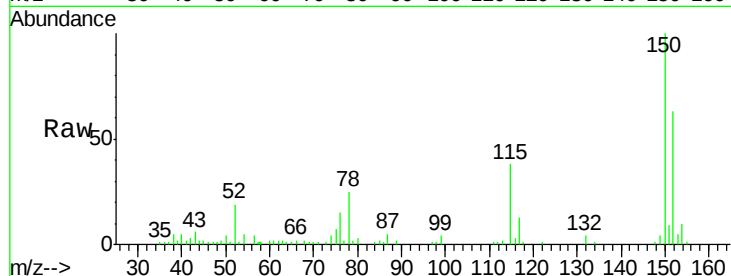
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.75 min Scan# 760
Delta R.T. -0.08 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Instrument :
BNA_G
ClientSampleId :
JC-01-042518

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.6	189.8
115	60.2	53.0	79.4

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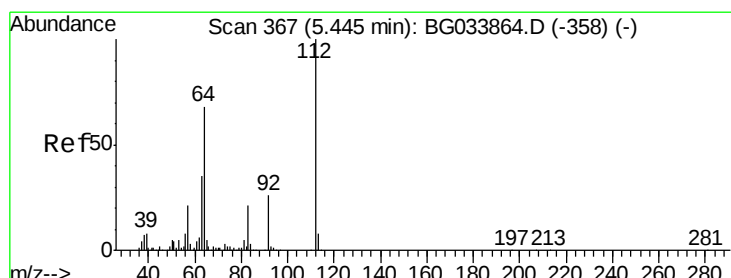
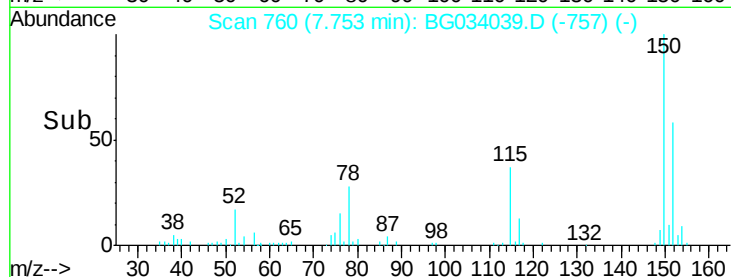
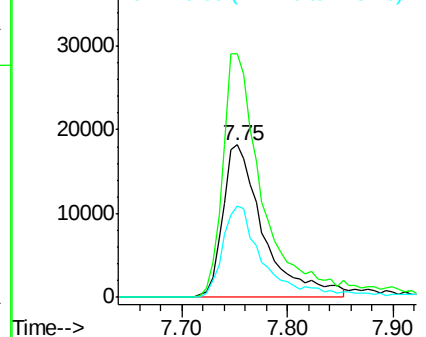


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

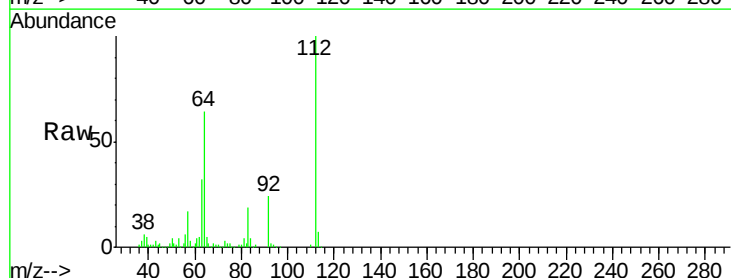
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.798 ng
RT: 5.37 min Scan# 354
Delta R.T. -0.08 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	31.8	30.1	45.1

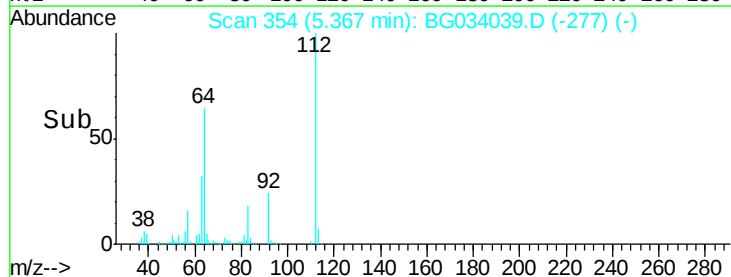
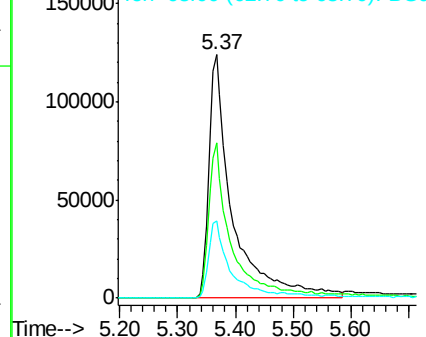


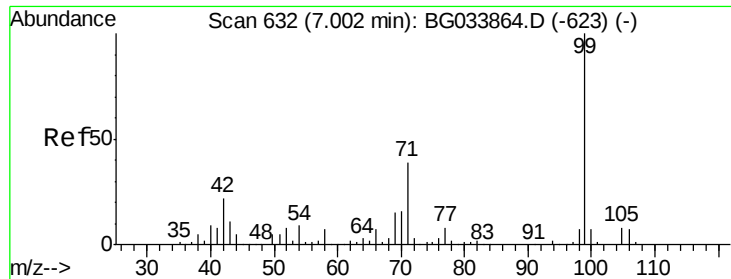
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.458 ng

RT: 6.95 min Scan# 623

Delta R.T. -0.05 min

Lab File: BG034039.D

Acq: 27 Apr 2018 15:05

Instrument :

BNA_G

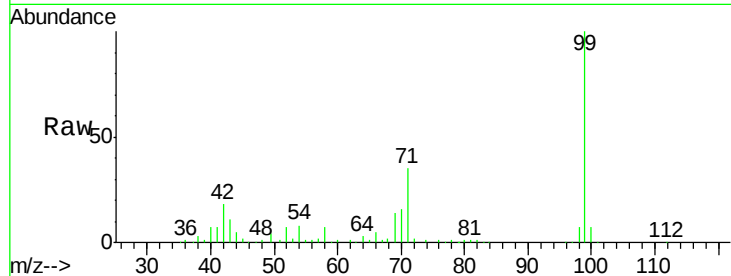
ClientSampled :

JC-01-042518

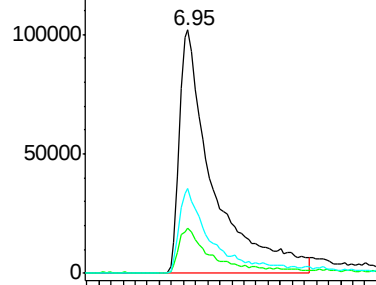
Tot Ion:	99	Resp:	394135
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.1	21.1
71	34.9	26.1	39.1

Manual Integrations
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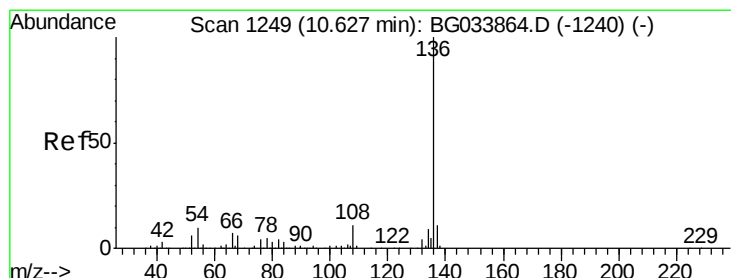
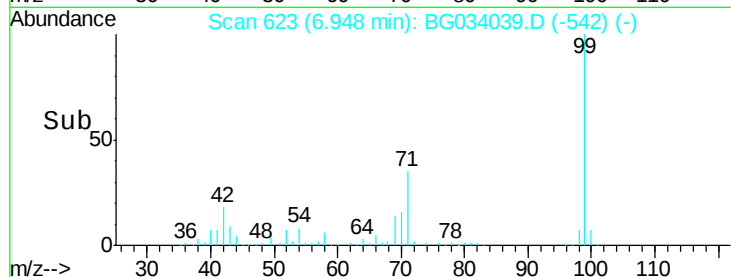
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time--> 6.80 6.90 7.00 7.10 7.20



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1234

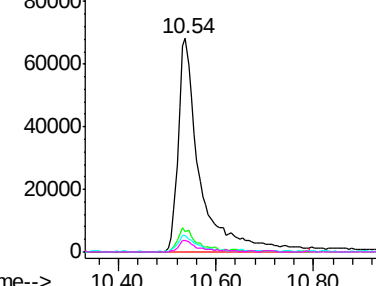
Delta R.T. -0.09 min

Lab File: BG034039.D

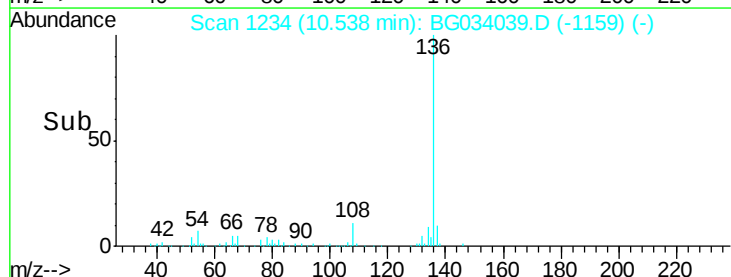
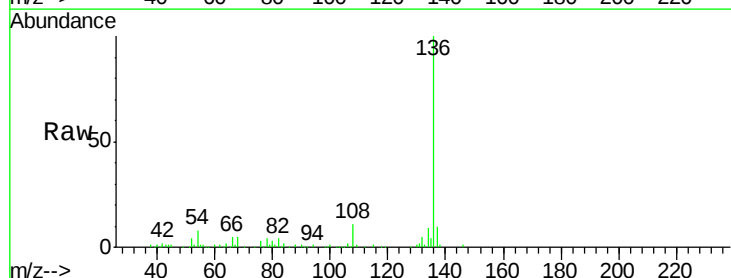
Acq: 27 Apr 2018 15:05

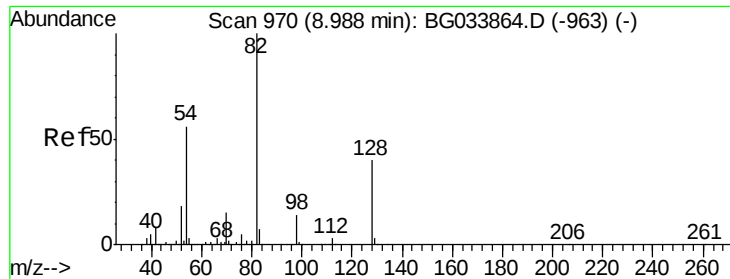
Tgt Ion:	136	Resp:	212306
Ion Ratio	Lower	Upper	
136	100		
137	9.6	9.2	13.8
54	8.0	10.3	15.5#
68	5.2	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.40 10.60 10.80





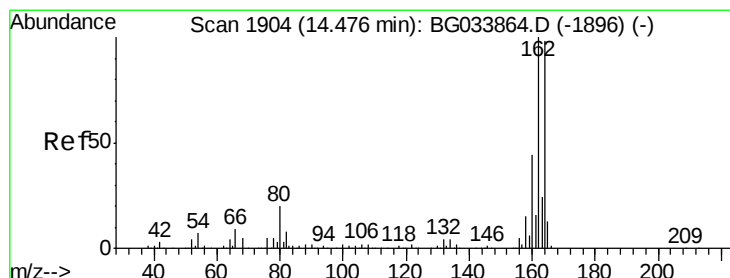
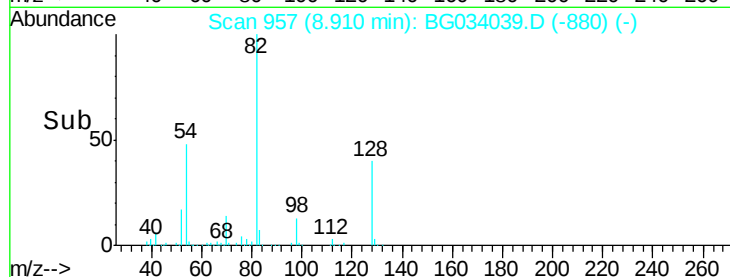
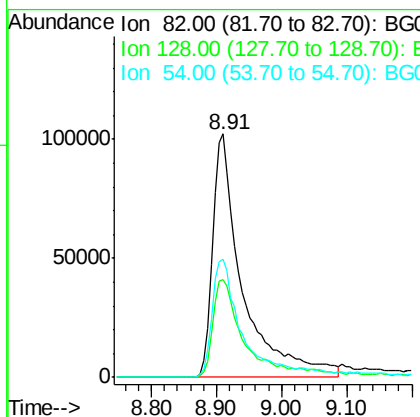
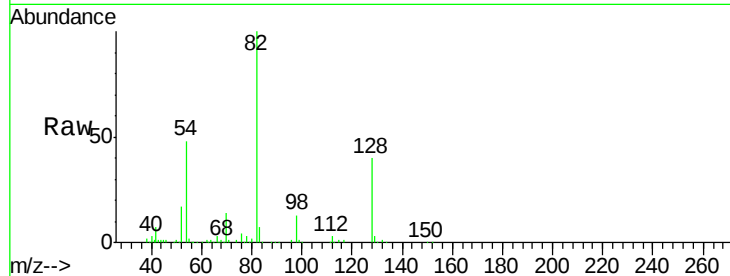
#23
Nitrobenzene-d5
Concen: 86.931 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.08 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Instrument :
BNA_G
ClientSampleId :
JC-01-042518

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.7	44.5
54	48.4	43.1	64.7

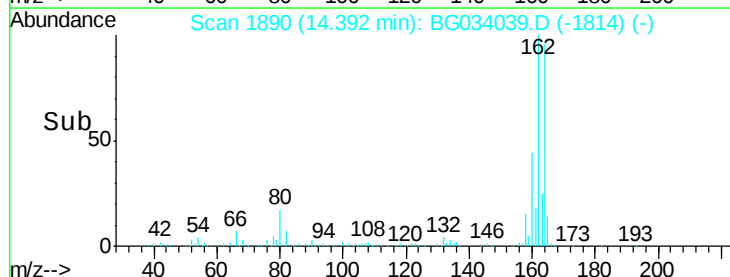
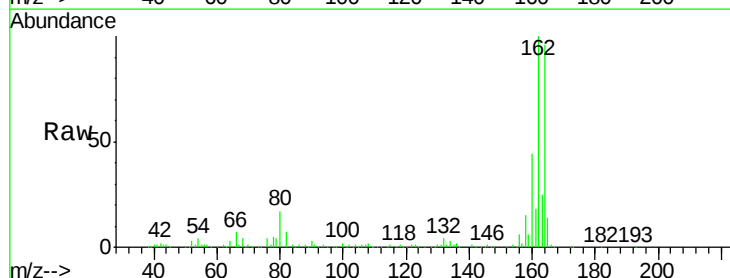
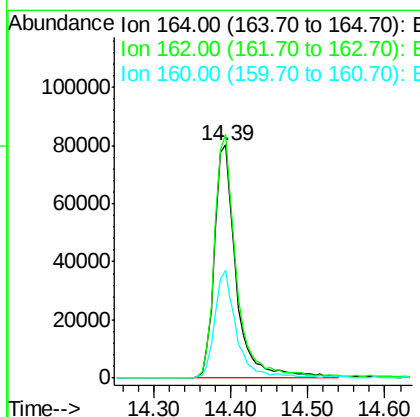
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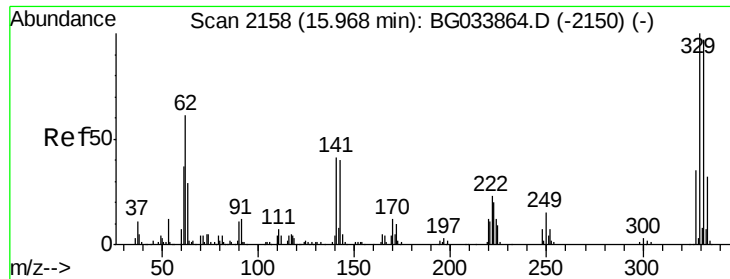
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	46.2	35.4	53.0





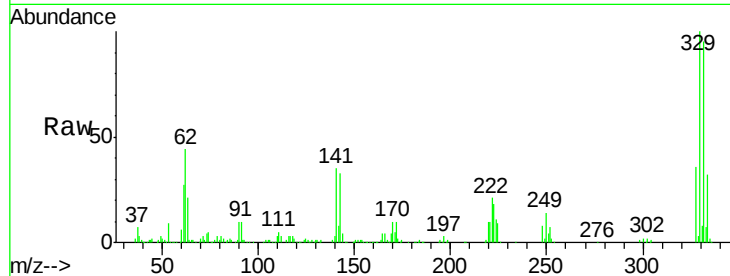
#41
 2,4,6-Tribromophenol
 Concen: 179.032 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034039.D
 Acq: 27 Apr 2018 15:05

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	36.2	25.2	37.8	

Manual Integrations
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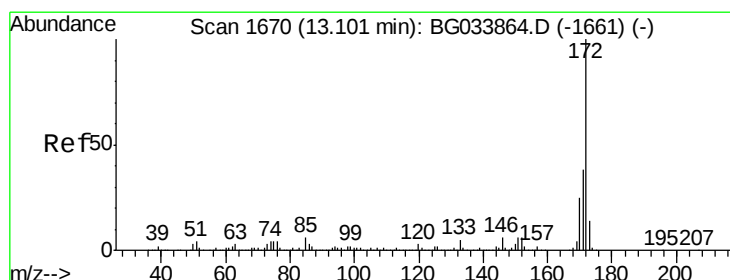
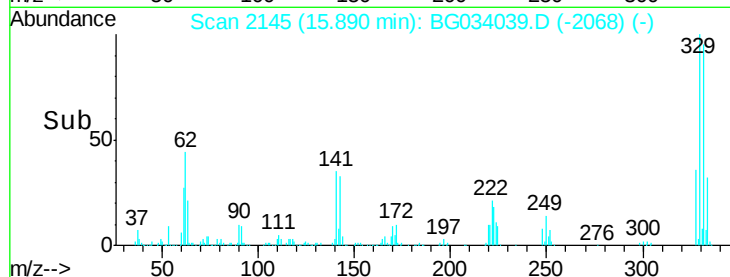
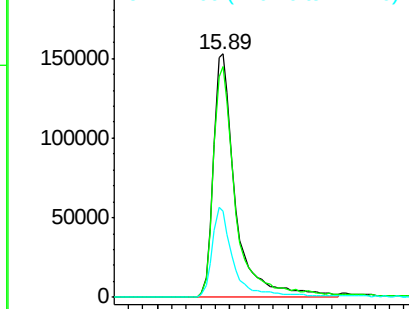


Abundance

Ion 329.80 (329.50 to 330.50): E

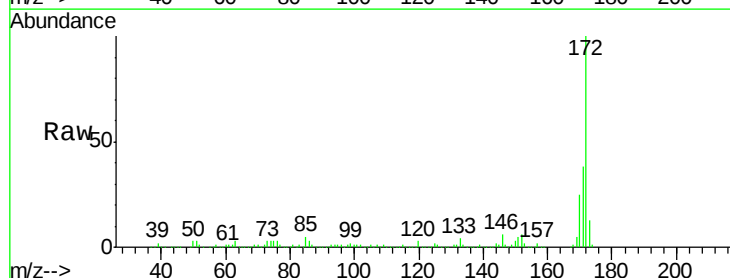
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.030 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034039.D
 Acq: 27 Apr 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	30.0	45.0	
170	24.7	19.5	29.3	

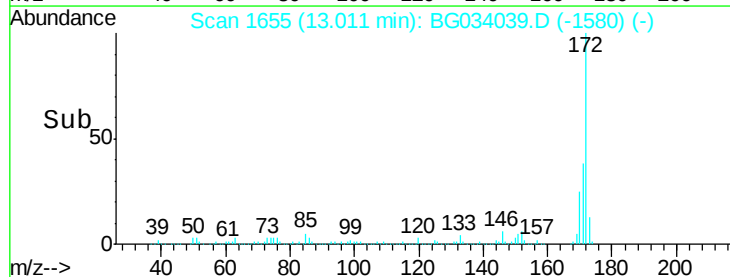
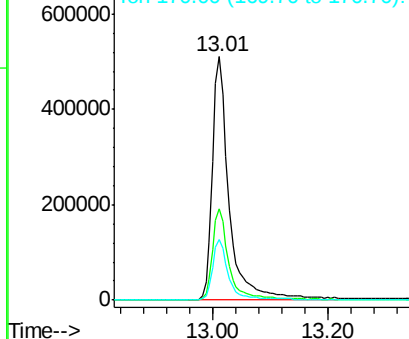


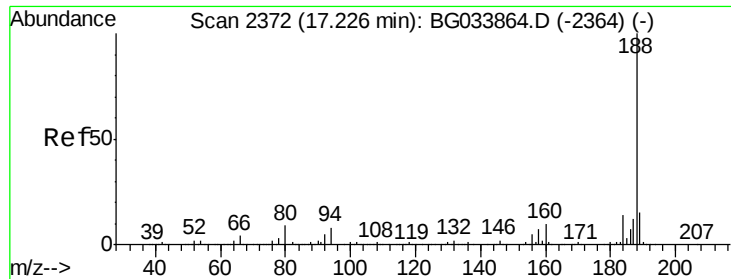
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





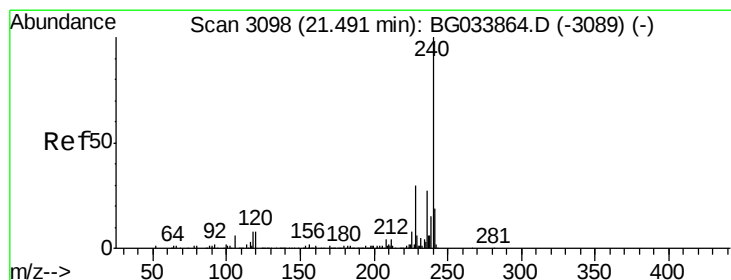
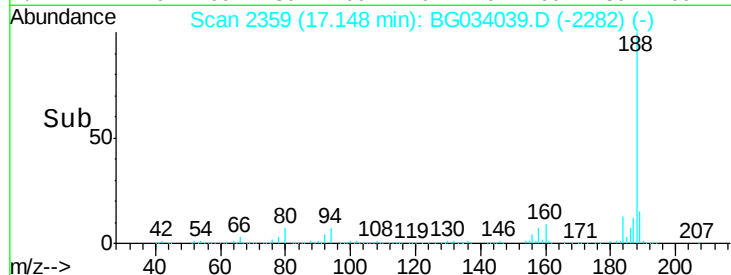
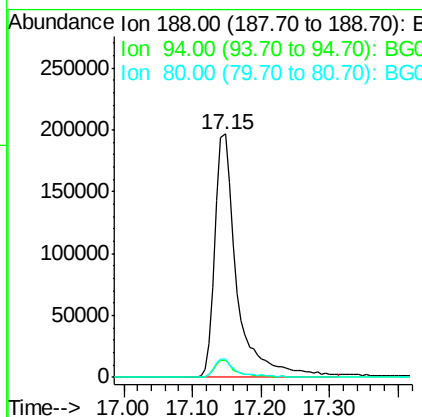
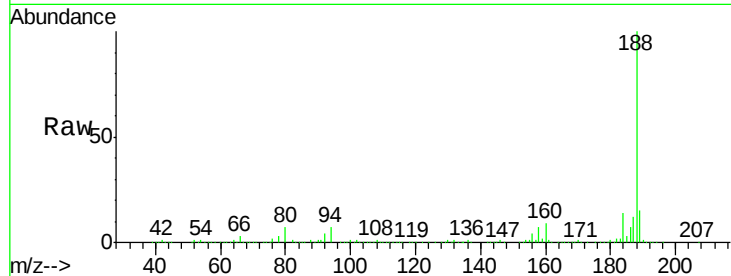
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.08 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Instrument :
BNA_G
ClientSampleId :
JC-01-042518

Tot Ion	Ratio	Resp	Lower	Upper
188	100	440575		
94	7.0		6.9	10.3
80	7.4		7.7	11.5#

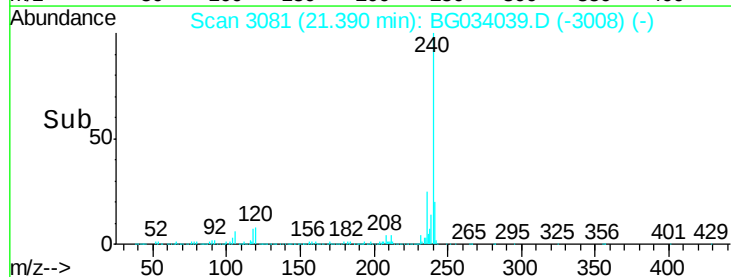
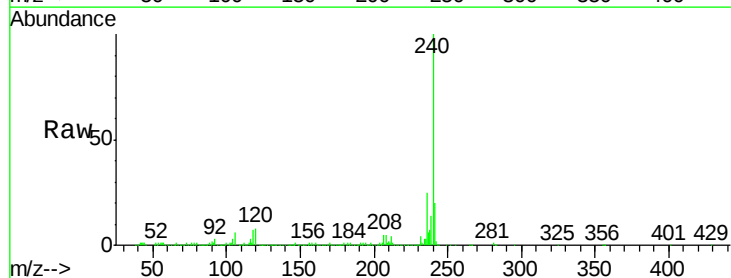
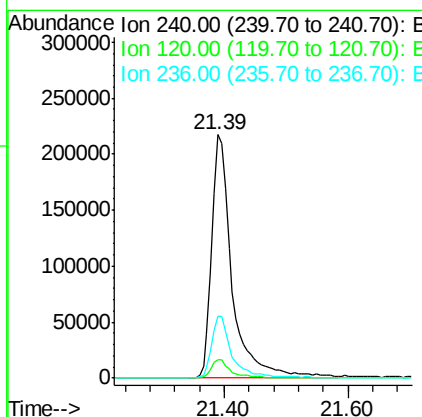
Manual Integrations
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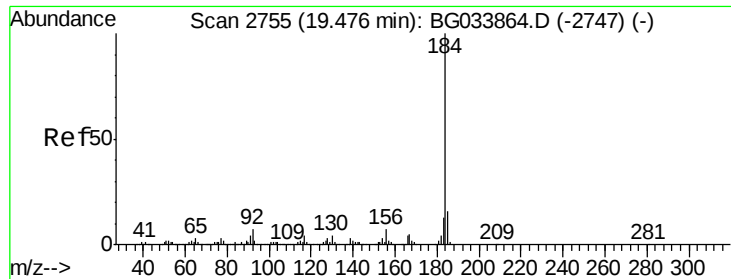
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	497128		
120	7.6		6.8	10.2
236	25.2		20.9	31.3





#76

Benzidine

Concen: 3.724 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.03 min

Lab File: BG034039.D

Acq: 27 Apr 2018 15:05

Instrument :

BNA_G

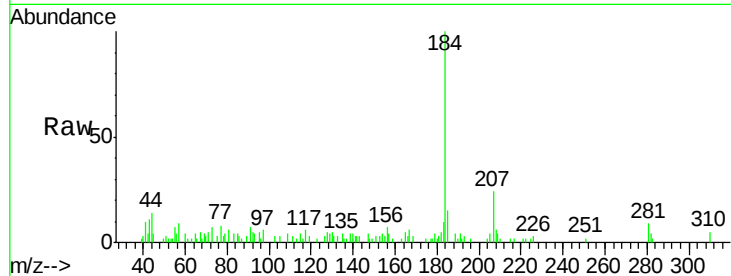
ClientSampleId :

JC-01-042518

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.1	16.7
183	9.6	10.6	16.0

Manual Integrations
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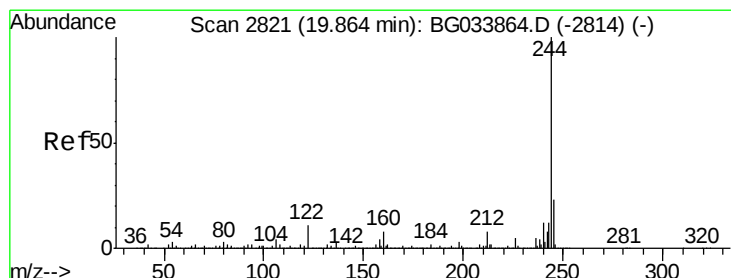
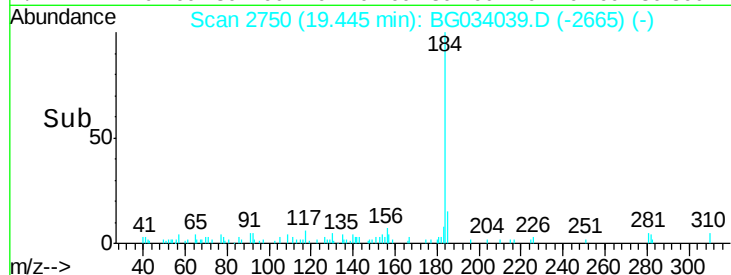
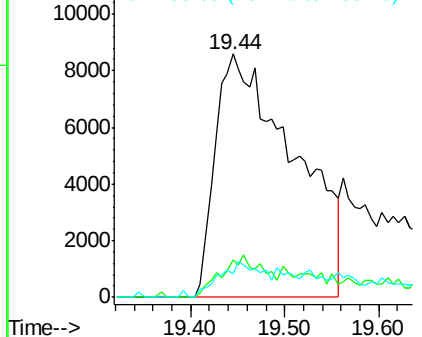


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 103.914 ng

RT: 19.78 min Scan# 2807

Delta R.T. -0.08 min

Lab File: BG034039.D

Acq: 27 Apr 2018 15:05

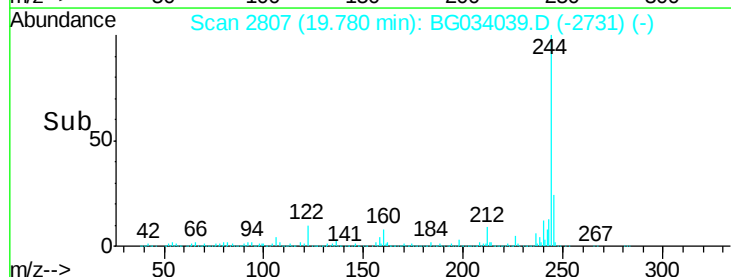
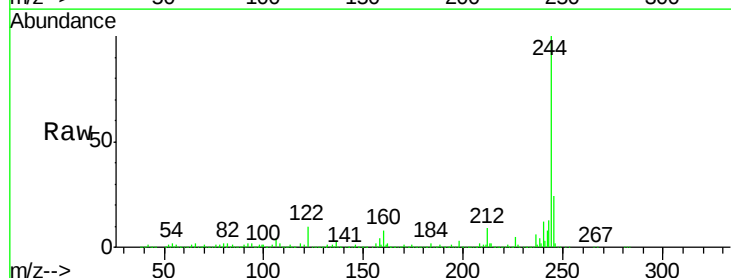
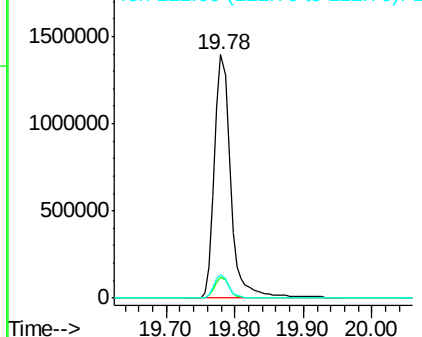
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.8	7.0	10.4

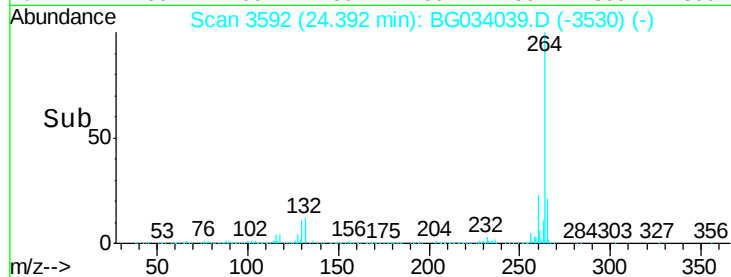
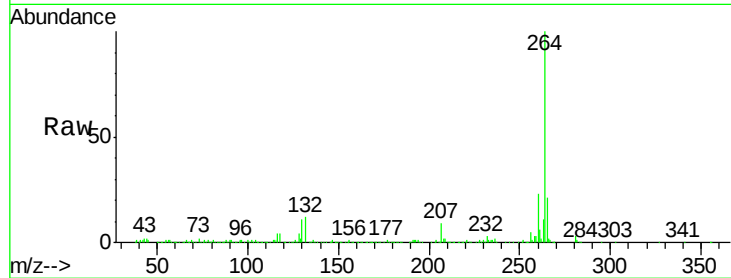
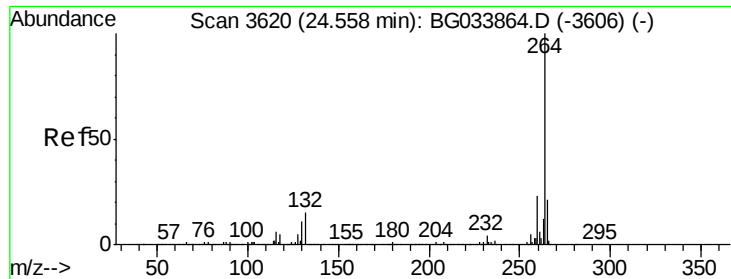
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034039.D
Acq: 27 Apr 2018 15:05

Instrument :
BNA_G
ClientSampleId :
JC-01-042518

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.3	17.7	26.5

Manual Integrations
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4/30/2018 7:02:25 PM

