Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004471.D
Acq On : 29 Feb 2016 05:02
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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2/29/2016 2:49:24 PM

Quant Time: Feb 29 07:21:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 05:57:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13311	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	51997	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	50210m	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	43580	5.00	ng	0.00
19) Chrysene-d12	21.24	240	58790	5.00	ng	0.00
28) Perylene-d12	23.46	264	45056	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7592	2.59	ng	0.00
5) Phenol-d6	6.80	99	6305	1.90	ng	-0.03
8) Nitrobenzene-d5	8.76	82	11816	4.11	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	16139	6.33	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	42541	2.78	ng	0.00
22) Terphenyl-d14	19.67	244	32765	4.38	ng	-0.02
Target Compounds						Qvalue
21) Pyrene	19.46	202	2465	0.14	ng	# 79

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

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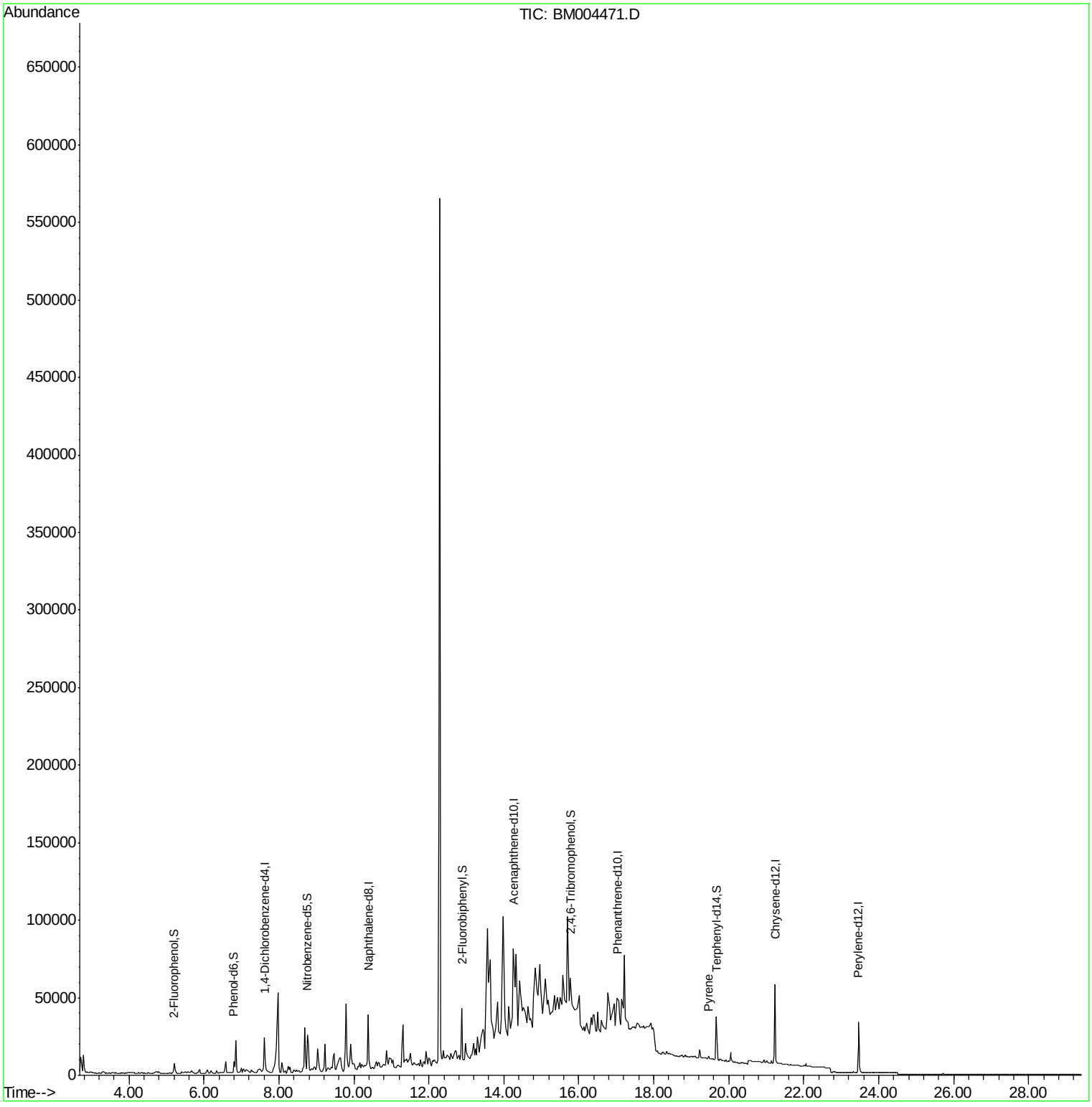
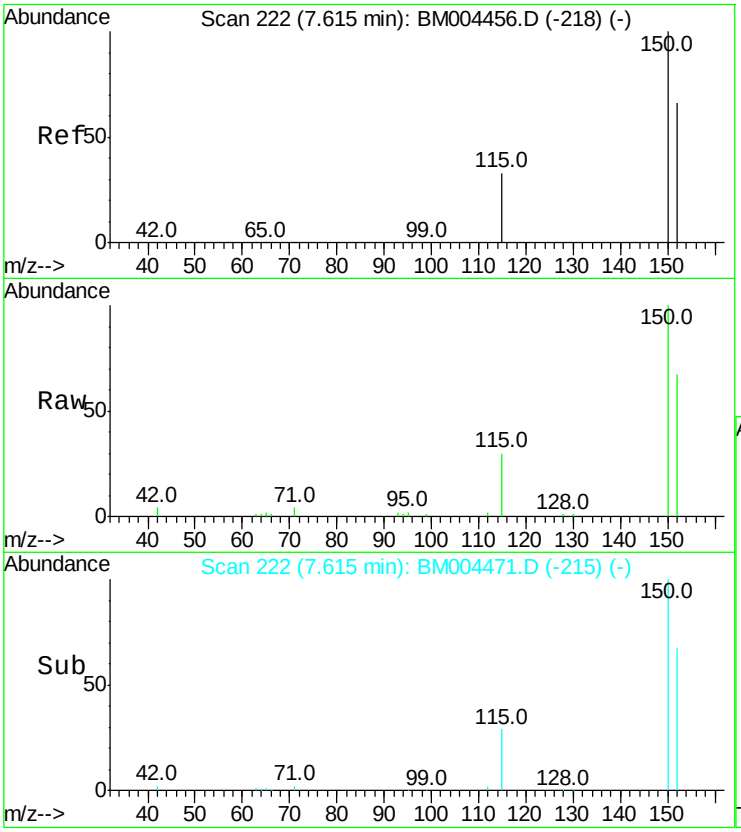
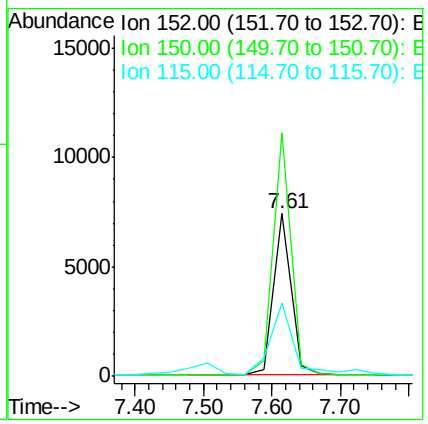




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:152 Resp: 13311

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.9	185.9
115	45.0	40.6	61.0



Instrument :
BNA_M
ClientSampleId :
MW-2

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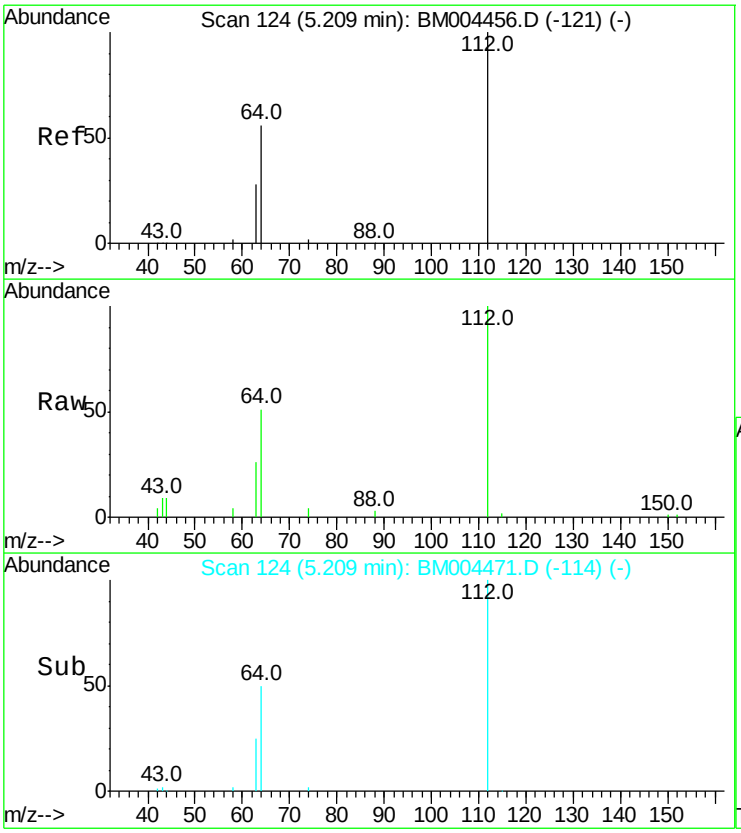
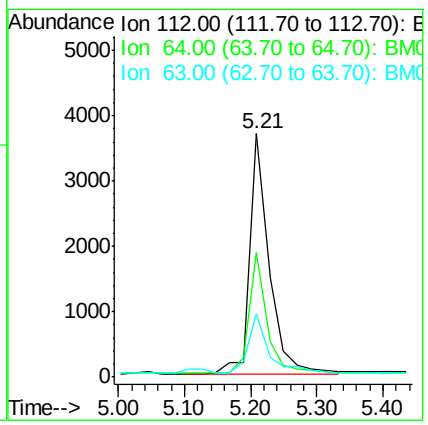
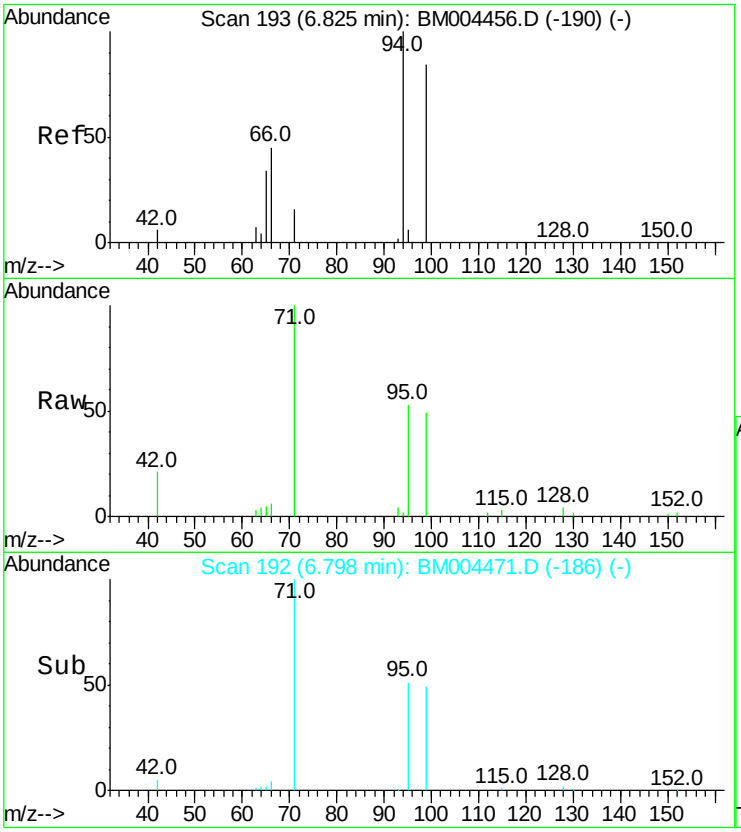


#4
2-Fluorophenol
Concen: 2.59 ng
RT: 5.21 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:112 Resp: 7592

Ion	Ratio	Lower	Upper
112	100		
64	46.1	39.4	59.2
63	25.5	19.9	29.9

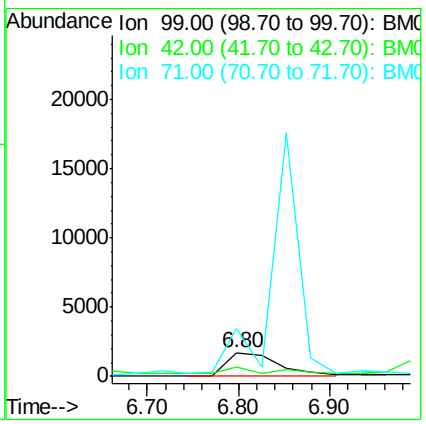




#5
Phenol-d6
Concen: 1.90 ng
RT: 6.80 min Scan# 192
Delta R.T. -0.03 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion: 99 Resp: 6305

Ion	Ratio	Lower	Upper
99	100		
42	30.7	0.0	0.0#
71	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
MW-2

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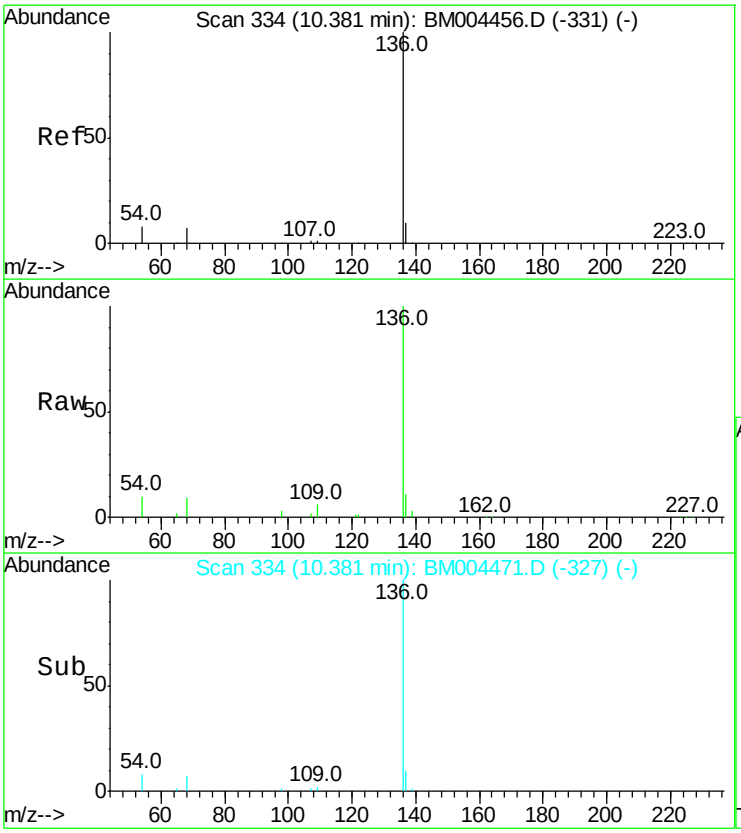
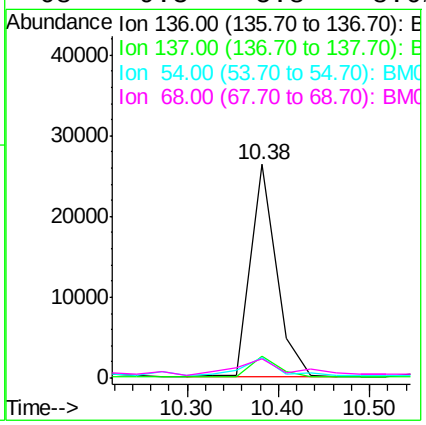
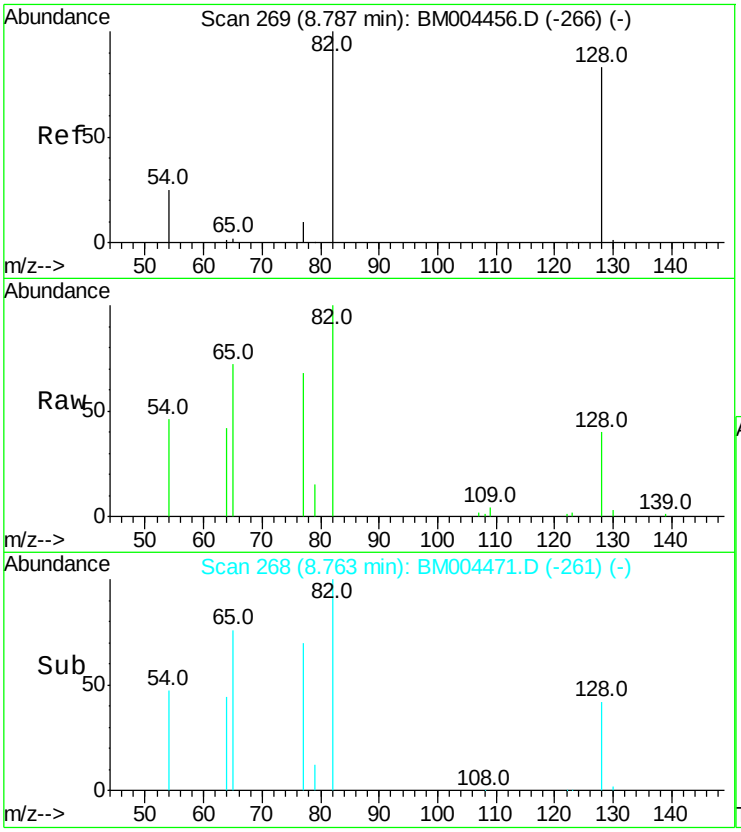


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:136 Resp: 51997

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	9.6	7.0	10.6
68	9.3	5.8	8.6#





#8
Nitrobenzene-d5
Concen: 4.11 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion: 82 Resp: 11816

Ion	Ratio	Lower	Upper
82	100		
128	40.0	67.0	100.6#
54	46.1	25.2	37.8#

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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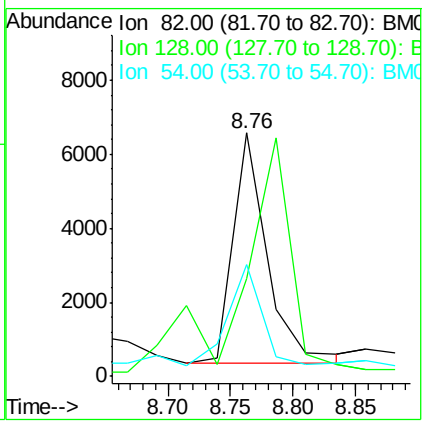
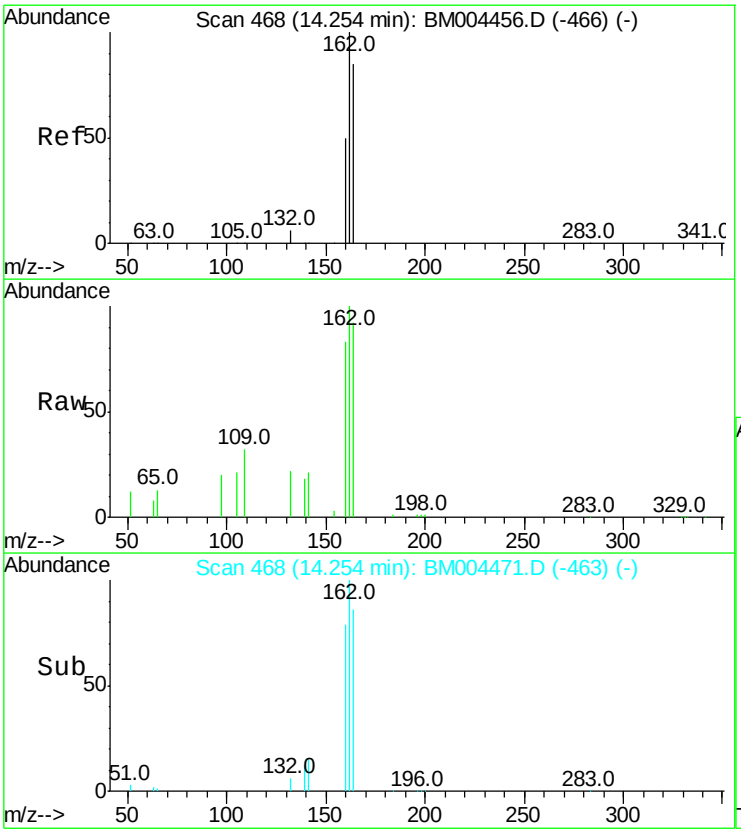
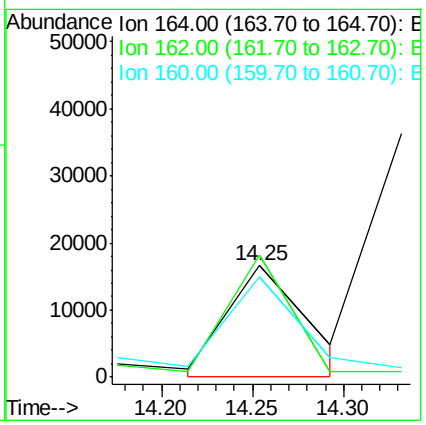


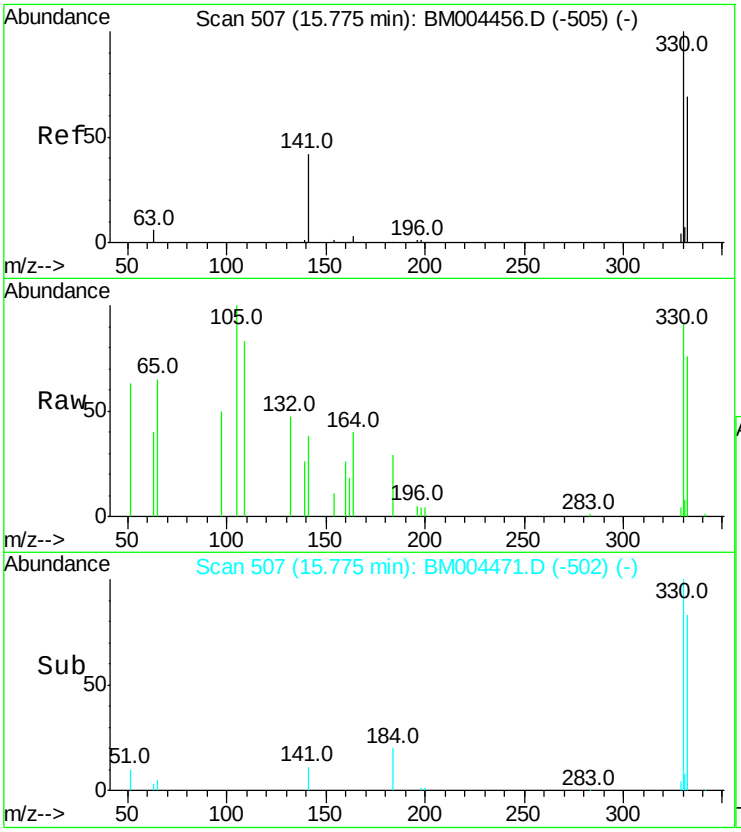


#12
Acenaphthene-d10
Concen: 5.00 ng m
RT: 14.25 min Scan# 468
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:164 Resp: 50210

Ion	Ratio	Lower	Upper
164	100		
162	108.7	94.6	141.8
160	90.1	47.0	70.4#





#13
2,4,6-Tribromophenol
Concen: 6.33 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:330 Resp: 16139

Ion	Ratio	Lower	Upper
330	100		
332	83.6	59.2	88.8
141	0.0	33.0	49.4#

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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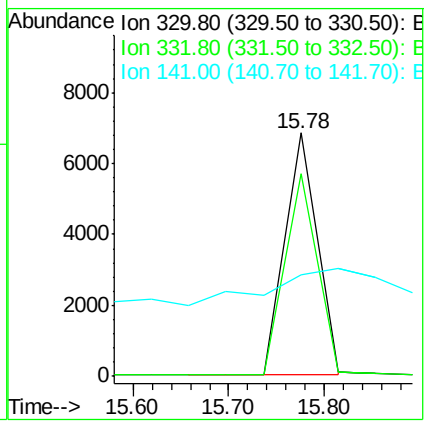
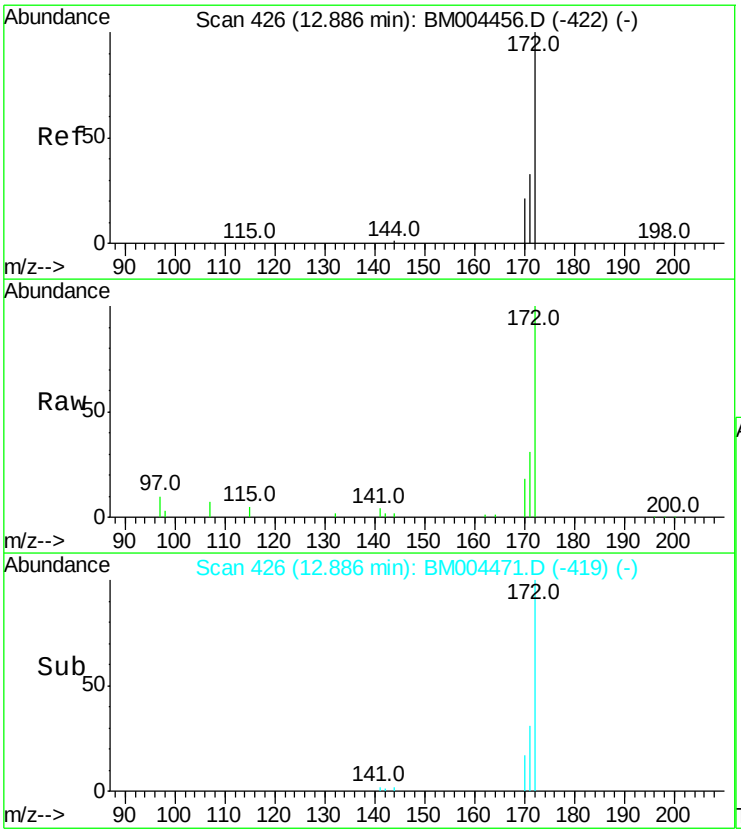
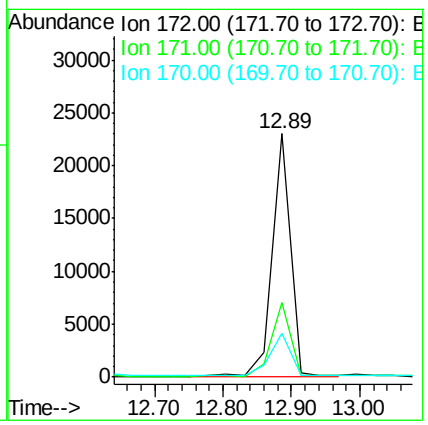


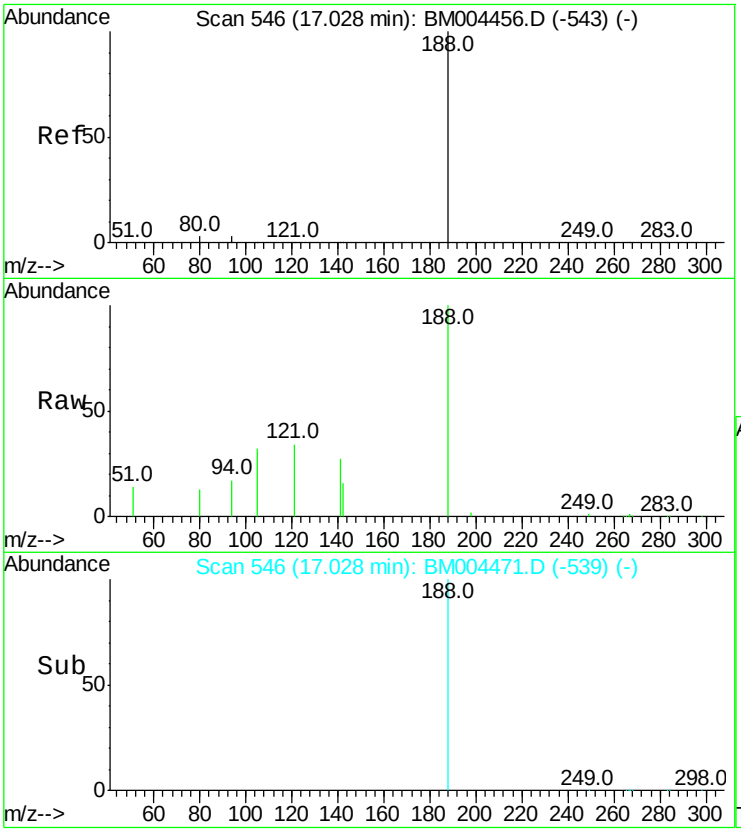


#14
2-Fluorobiphenyl
Concen: 2.78 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:172 Resp: 42541

Ion	Ratio	Lower	Upper
172	100		
171	30.9	27.2	40.8
170	18.0	17.4	26.0





#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:188 Resp: 43580

Ion	Ratio	Lower	Upper
188	100		
94	16.6	2.7	4.1#
80	12.6	2.2	3.4#

Instrument :
BNA_M
ClientSampleId :
MW-2

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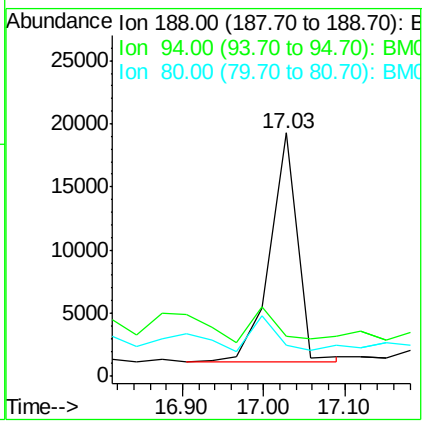
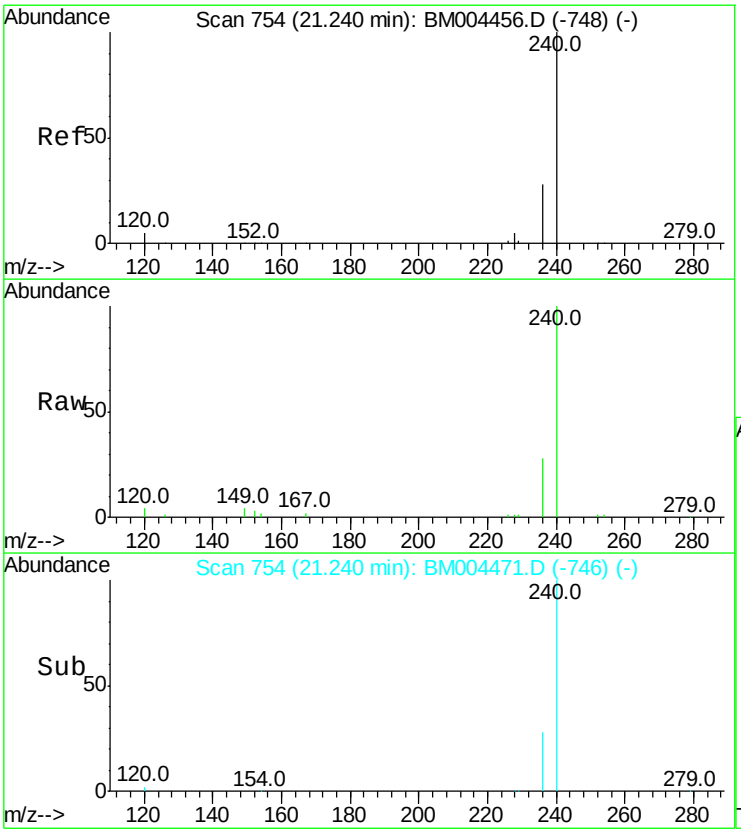
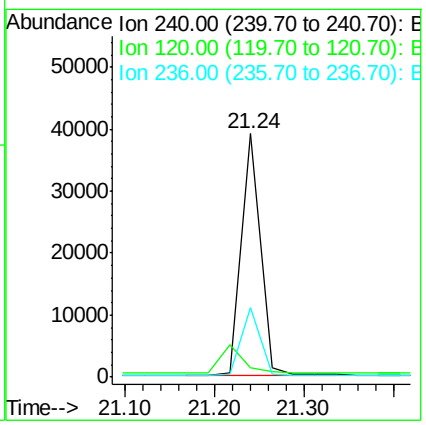


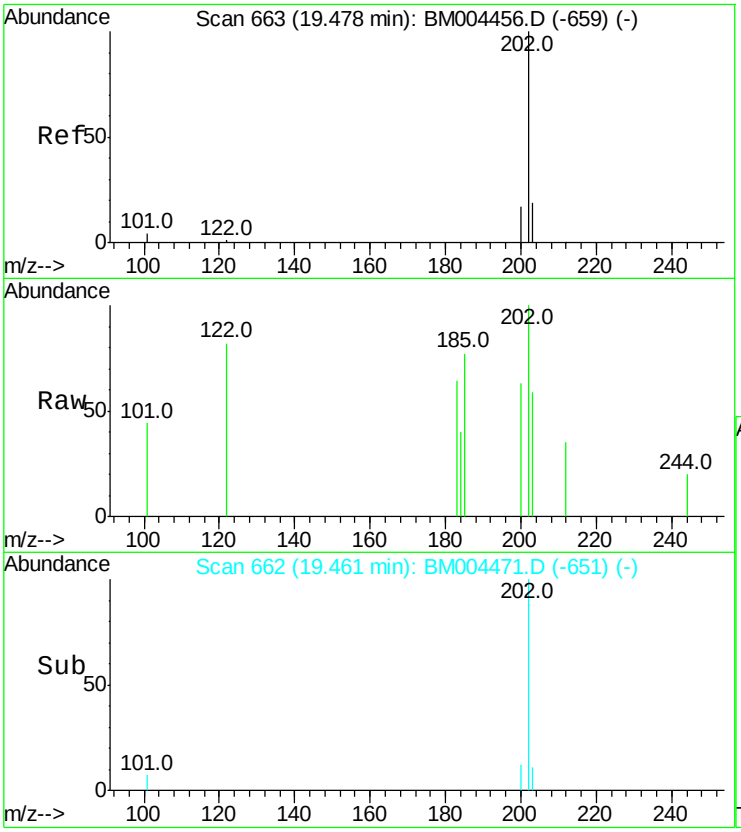


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:240 Resp: 58790

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.0	6.0
236	28.5	22.7	34.1





#21
Pyrene
Concen: 0.14 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:202 Resp: 2465

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.6	24.8
203	33.3	13.9	20.9#

Instrument :
BNA_M
ClientSampleId :
MW-2

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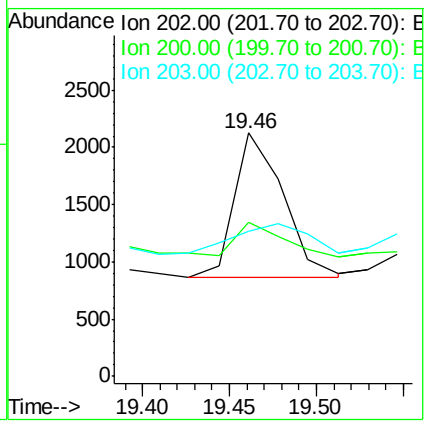
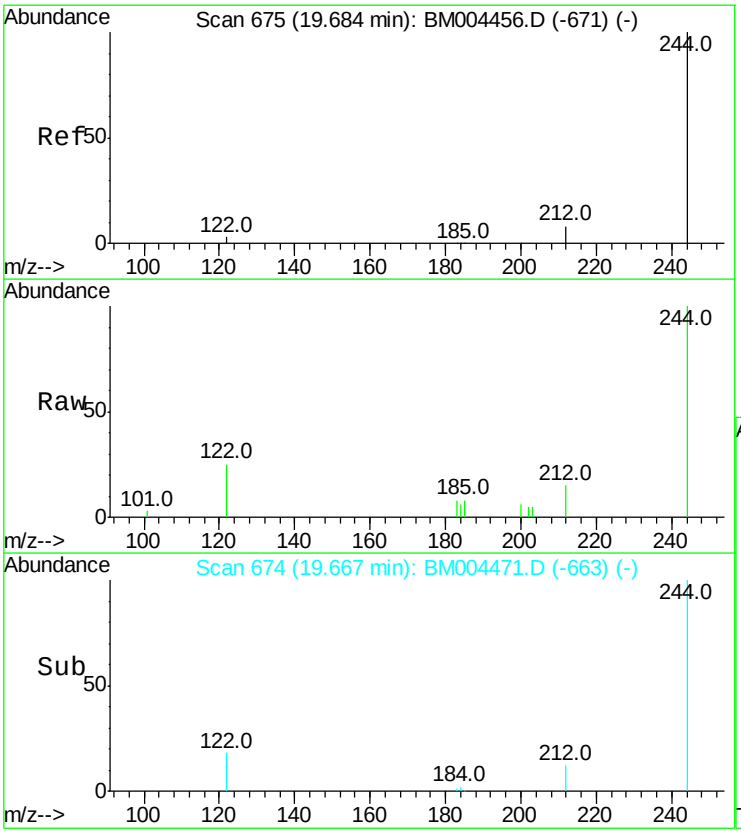
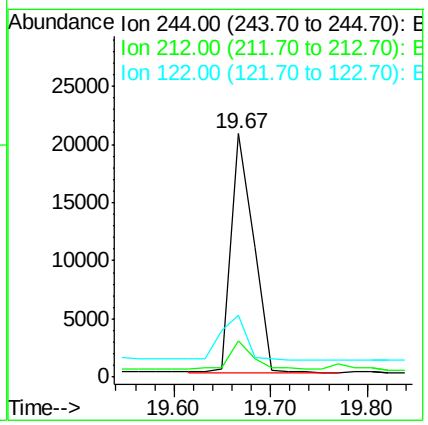


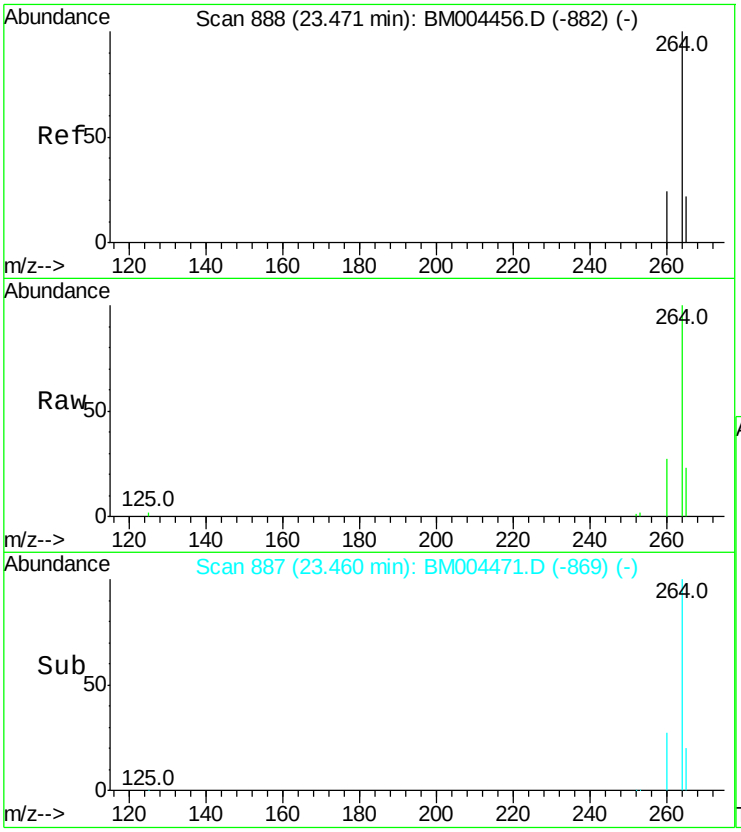


#22
Terphenyl-d14
Concen: 4.38 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:244 Resp: 32765

Ion	Ratio	Lower	Upper
244	100		
212	14.8	7.4	11.2#
122	25.5	4.2	6.2#

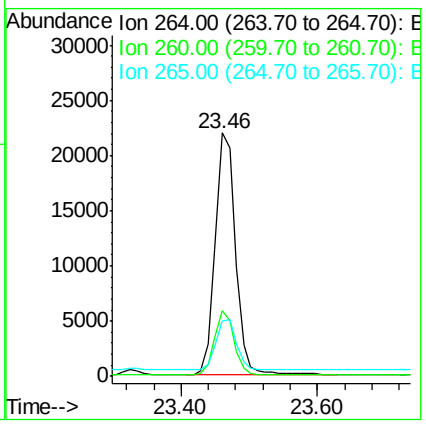




#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004471.D
Acq: 29 Feb 2016 05:02

Tgt Ion:264 Resp: 45056

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.4	29.2
265	22.6	18.9	28.3



Instrument :
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