

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021271.D
 Acq On : 17 Aug 2022 02:30
 Operator : CG/JU
 Sample : N4171-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 05:18:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3286	0.400	ng	0.01
7) Naphthalene-d8	10.592	136	10269	0.400	ng	# 0.01
13) Acenaphthene-d10	14.440	164	5373	0.400	ng	0.01
19) Phenanthrene-d10	17.193	188	12063	0.400	ng	0.01
29) Chrysene-d12	21.395	240	7240	0.400	ng	0.00
35) Perylene-d12	23.726	264	5228	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	746	0.091	ng	0.01
5) Phenol-d6	7.097	99	241m	0.025	ng	0.12
8) Nitrobenzene-d5	9.023	82	1179	0.253	ng	0.06
11) 2-Methylnaphthalene-d10	12.202	152	4773	0.267	ng	0.02
14) 2,4,6-Tribromophenol	15.952	330	320	0.182	ng	0.01
15) 2-Fluorobiphenyl	13.082	172	5132	0.240	ng	0.02
27) Fluoranthene-d10	19.227	212	12846	0.392	ng	0.00
31) Terphenyl-d14	19.826	244	8151	0.413	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.219	88	17559	3.830	ng	92
34) Bis(2-ethylhexyl)phtha...	21.306	149	863	0.054	ng	99

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

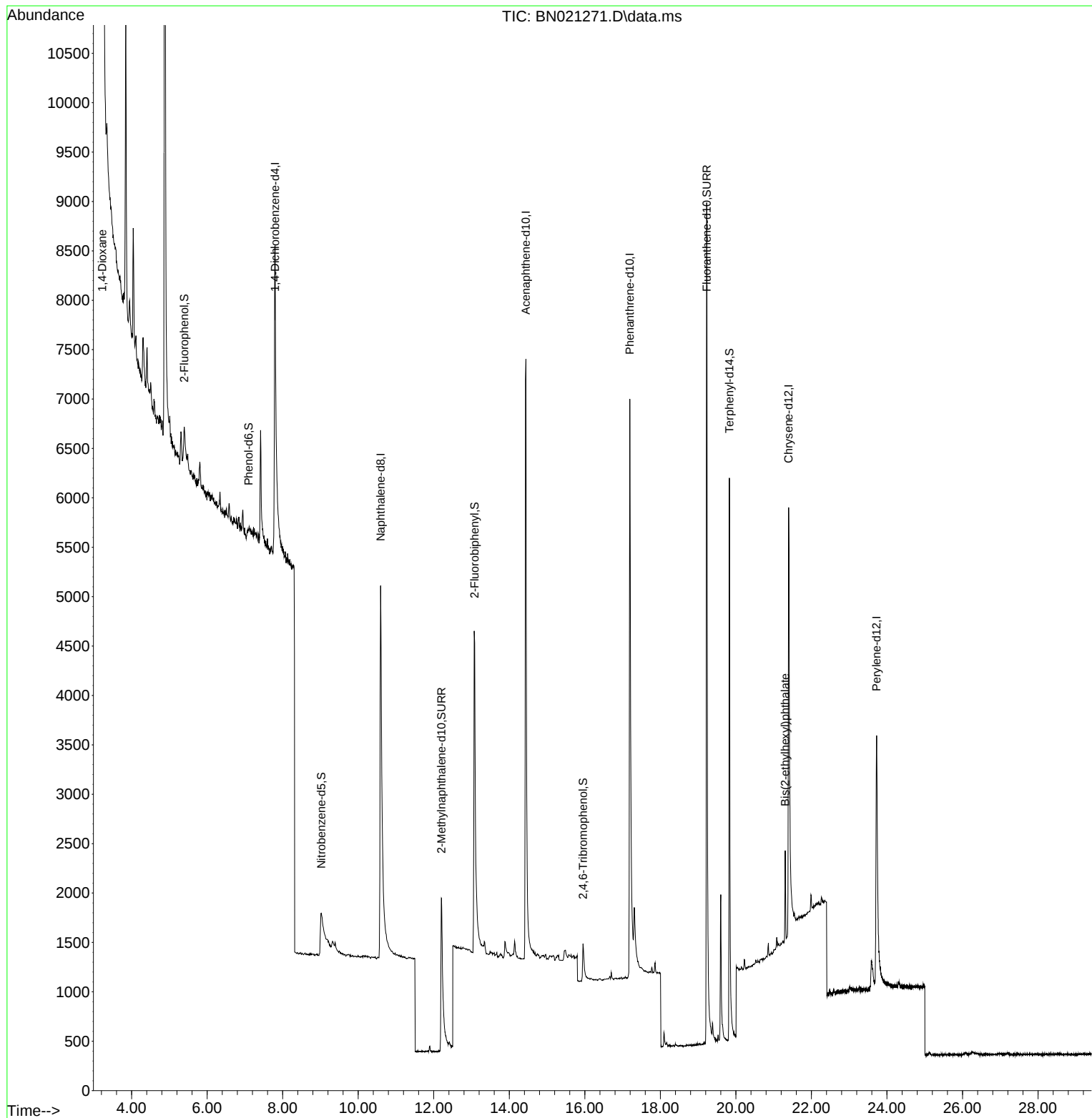
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021271.D
Acq On : 17 Aug 2022 02:30
Operator : CG/JU
Sample : N4171-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-100-20220810

Quant Time: Aug 17 05:18:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

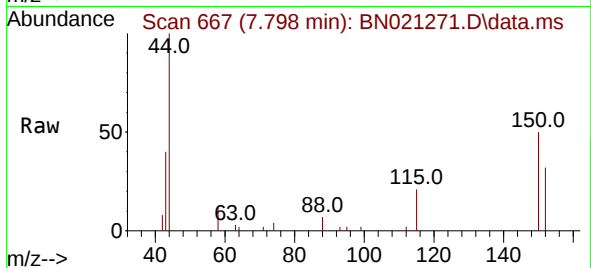
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.798 min Scan# 60
Delta R.T. 0.015 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

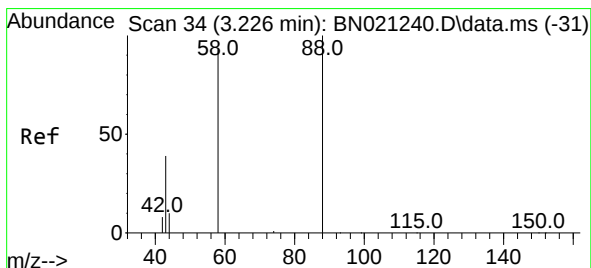
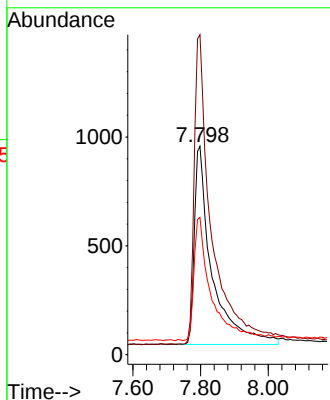
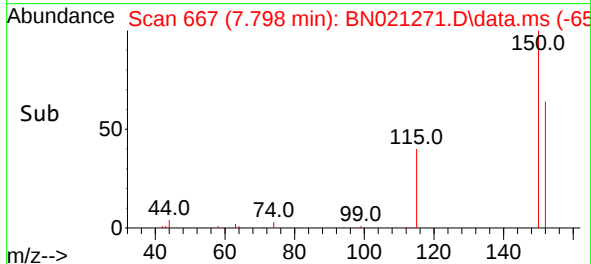
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



Tgt Ion:152 Resp: 3280
Ion Ratio Lower Upper
152 100
150 153.6 123.1 184.7
115 65.9 52.2 78.4

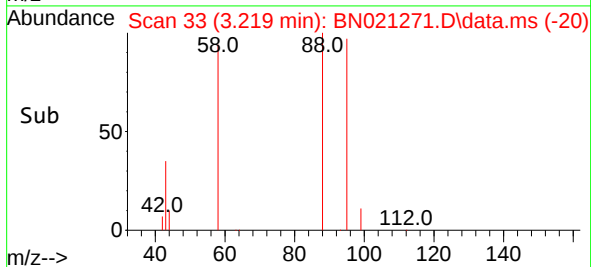
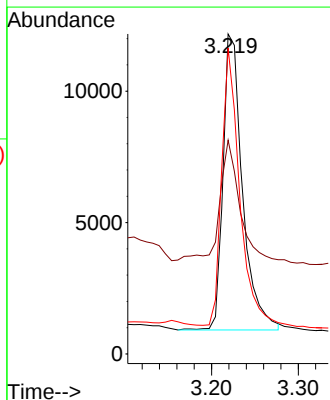
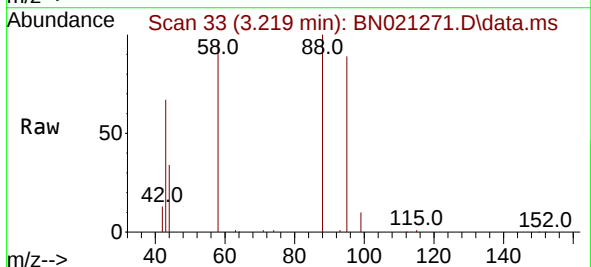
Manual Integrations
APPROVED

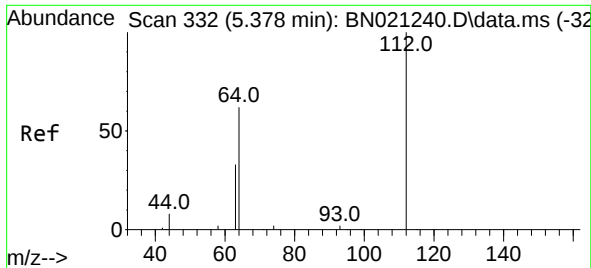
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#2
1,4-Dioxane
Concen: 3.830 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.007 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion: 88 Resp: 17559
Ion Ratio Lower Upper
88 100
43 39.8 28.6 42.8
58 85.7 74.5 111.7





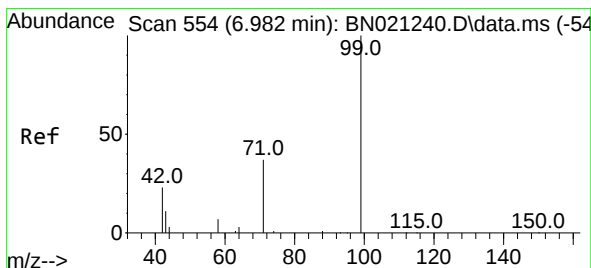
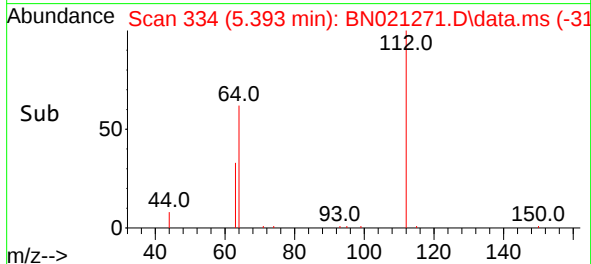
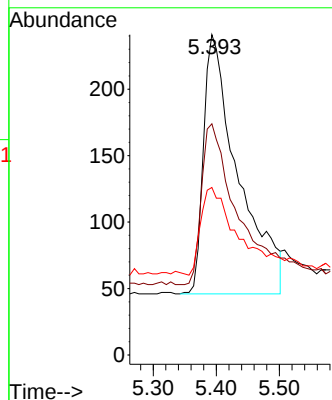
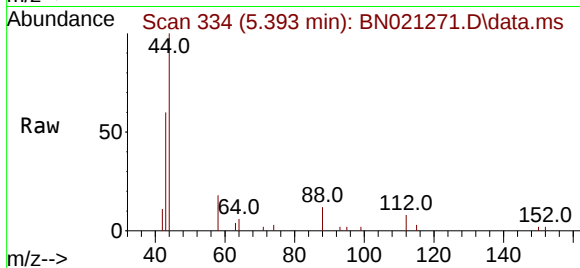
#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.393 min Scan# 311
Delta R.T. 0.015 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Instrument :
BNA_N
ClientSampleId :
SP-100-20220810

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	52.0	78.0
63	37.5	27.5	41.3

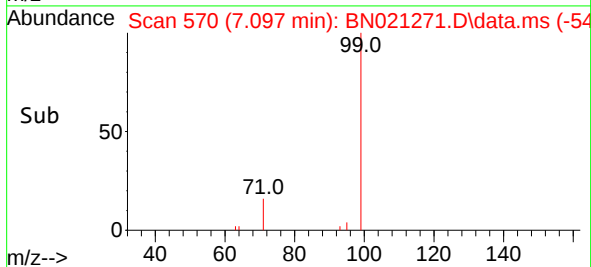
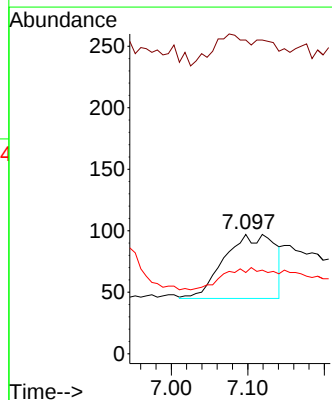
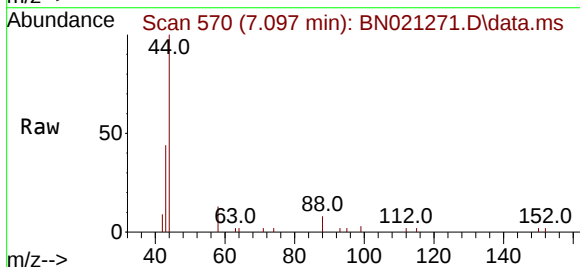
Manual Integrations
APPROVED

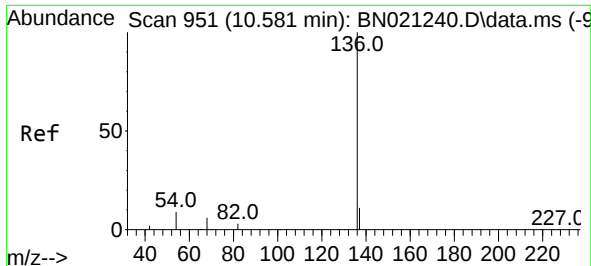
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#5
Phenol-d6
Concen: 0.025 ng m
RT: 7.097 min Scan# 570
Delta R.T. 0.116 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

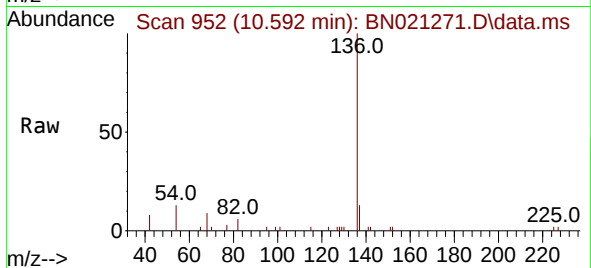
Tgt Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.1	28.7#
71	22.8	28.9	43.3#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

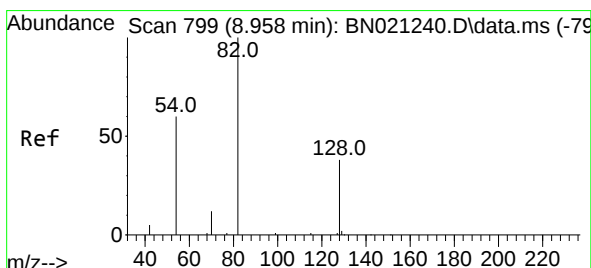
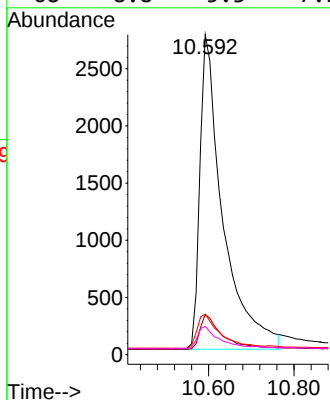
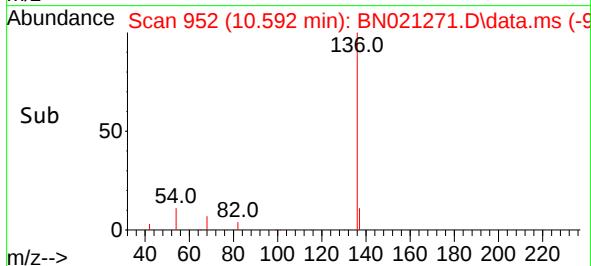
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



Tgt Ion:136 Resp: 10269
Ion Ratio Lower Upper
136 100
137 12.5 9.6 14.4
54 12.7 8.2 12.2
68 8.8 5.3 7.9#

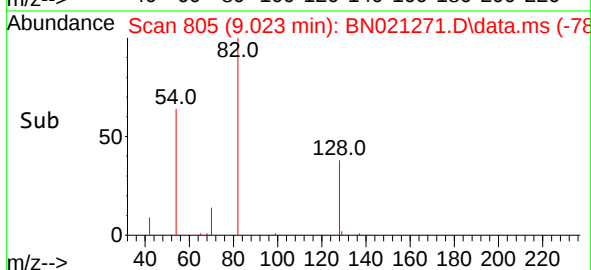
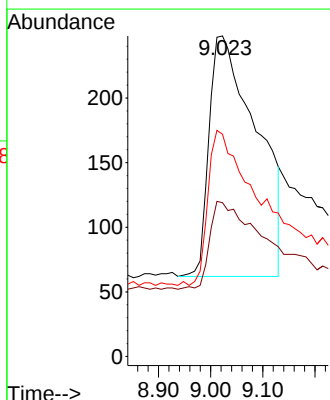
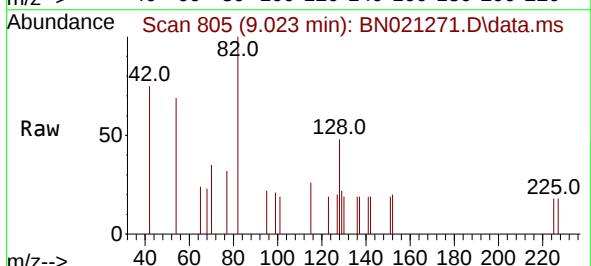
Manual Integrations
APPROVED

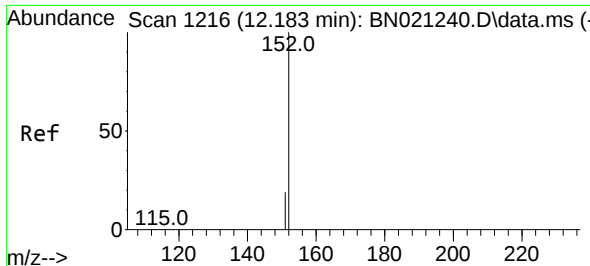
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 9.023 min Scan# 805
Delta R.T. 0.065 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

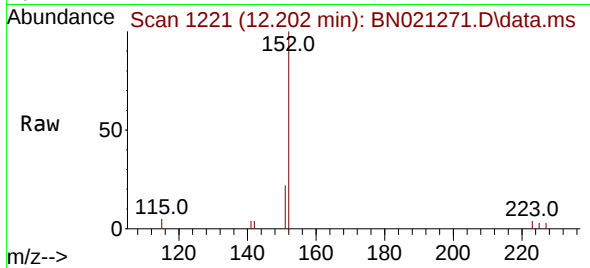
Tgt Ion: 82 Resp: 1179
Ion Ratio Lower Upper
82 100
128 48.0 33.6 50.4
54 69.4 50.2 75.2





#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.202 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

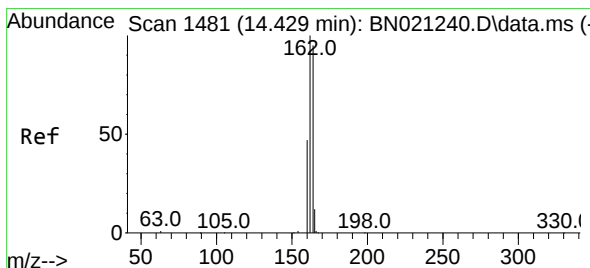
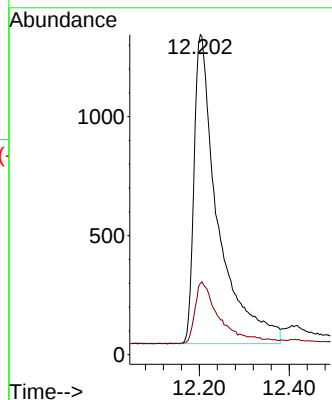
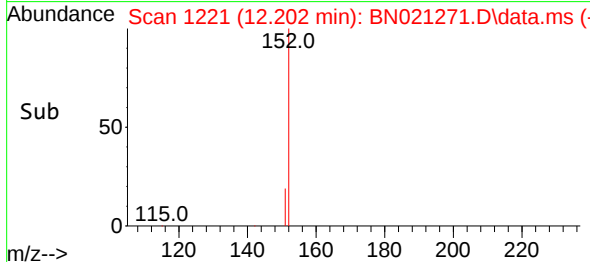
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



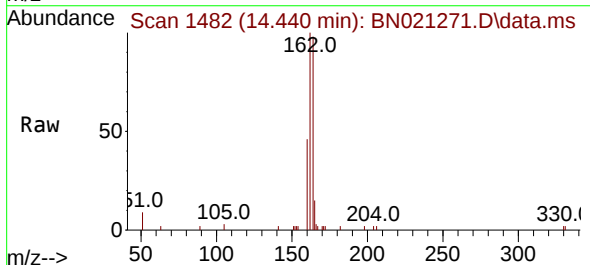
Tgt Ion:152 Resp: 477
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8

Manual Integrations
APPROVED

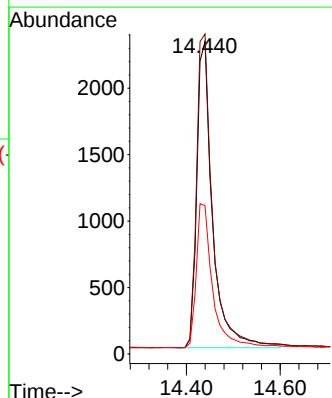
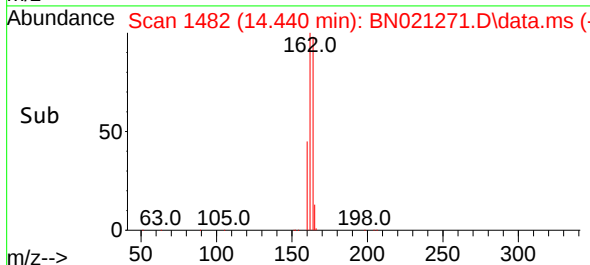
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

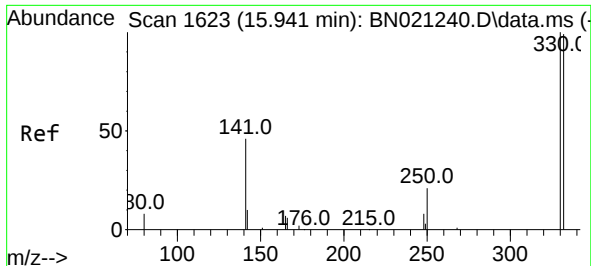


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.440 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30



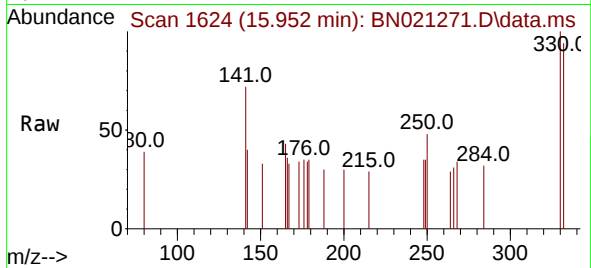
Tgt Ion:164 Resp: 5373
Ion Ratio Lower Upper
164 100
162 102.4 83.8 125.6
160 47.5 39.8 59.6





#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.952 min Scan# 1624
Delta R.T. 0.010 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

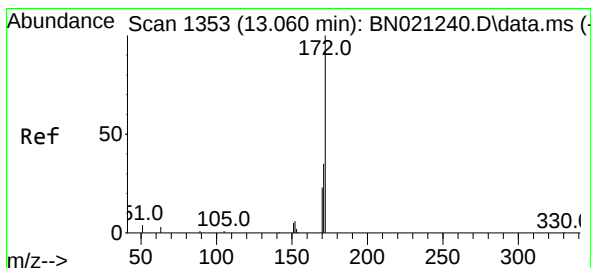
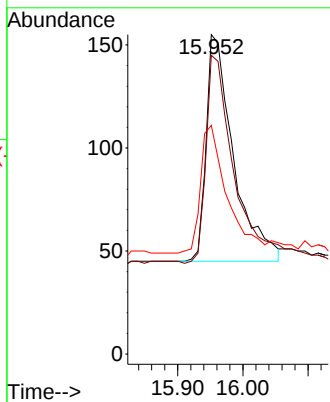
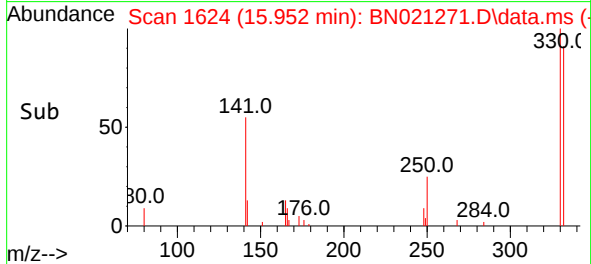
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



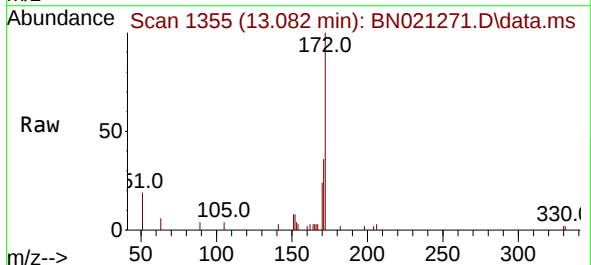
Tgt Ion: 330 Resp: 320
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 57.5 45.4 68.0

Manual Integrations
APPROVED

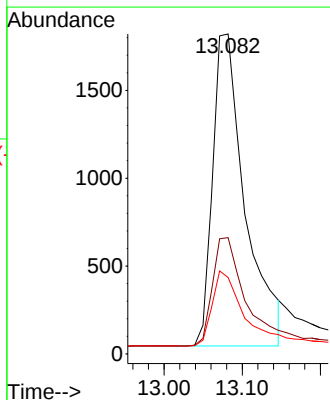
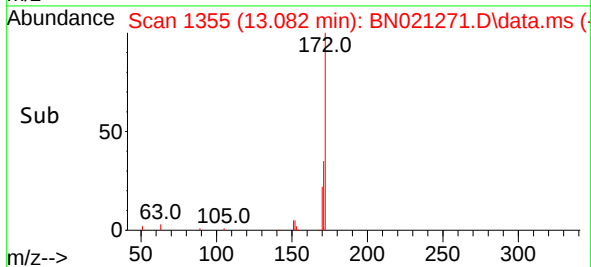
Reviewed By : Christian Giraldo 08/17/2022
Supervised By : Jagrut Upadhyay 08/17/2022

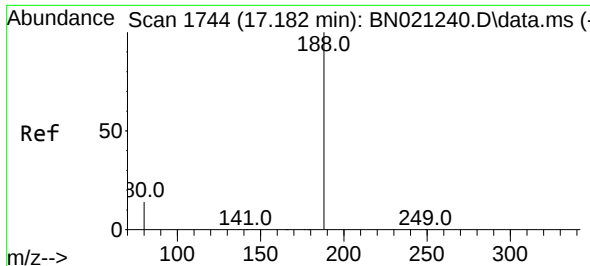


#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.082 min Scan# 1355
Delta R.T. 0.022 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30



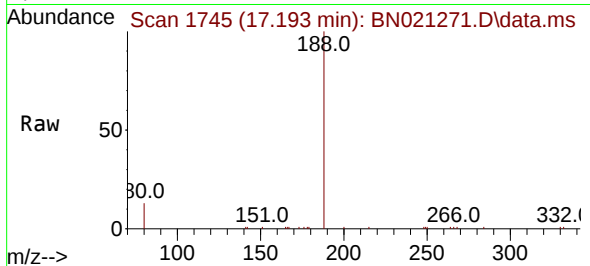
Tgt Ion: 172 Resp: 5132
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 23.9 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.193 min Scan# 1745
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

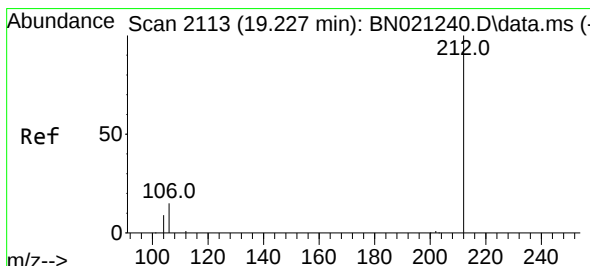
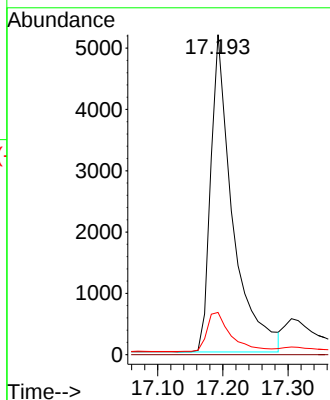
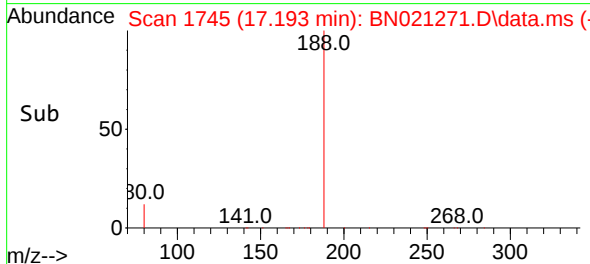
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



Tgt Ion:188 Resp: 1206
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 11.8 17.6

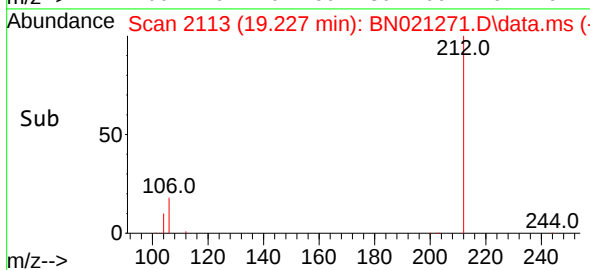
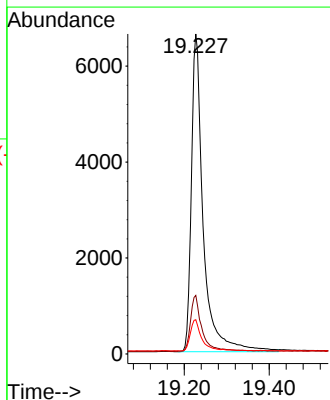
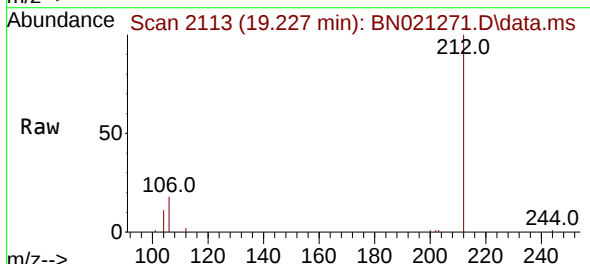
Manual Integrations
APPROVED

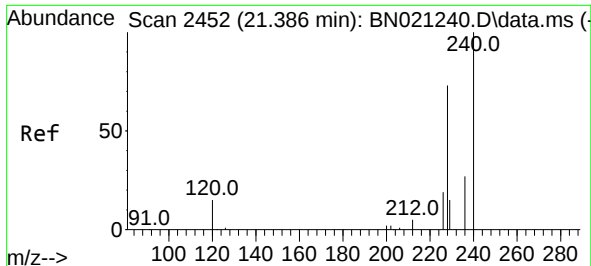
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

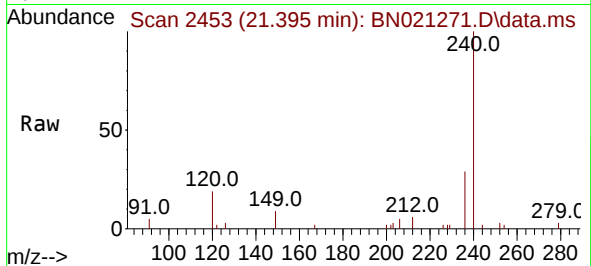
Tgt Ion:212 Resp: 12846
Ion Ratio Lower Upper
212 100
106 16.9 12.6 18.8
104 9.1 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

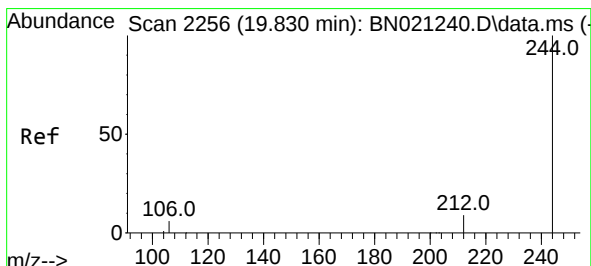
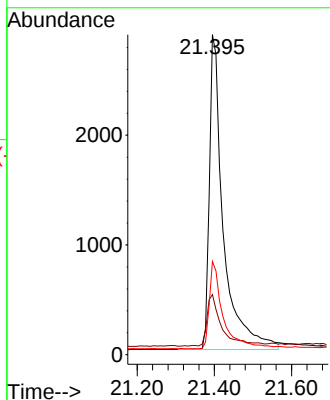
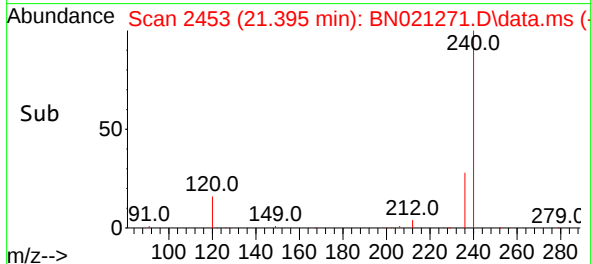
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810



Tgt Ion:240 Resp: 7240
Ion Ratio Lower Upper
240 100
120 18.8 13.4 20.2
236 29.1 22.6 33.8

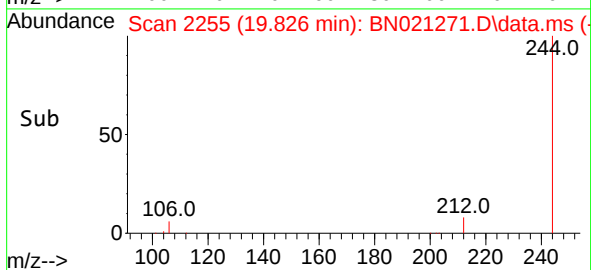
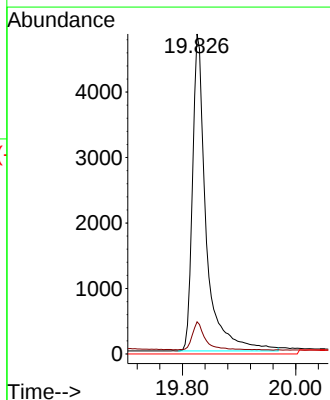
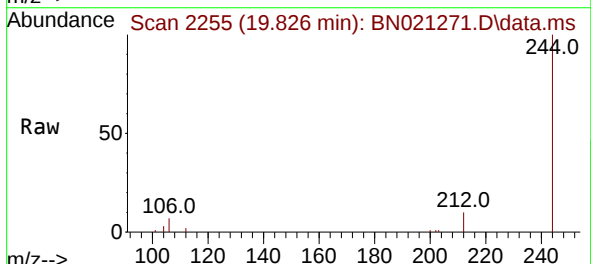
Manual Integrations
APPROVED

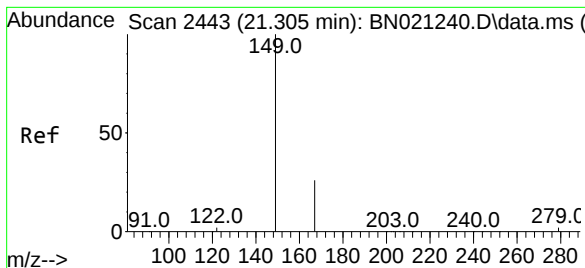
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.826 min Scan# 2255
Delta R.T. -0.004 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

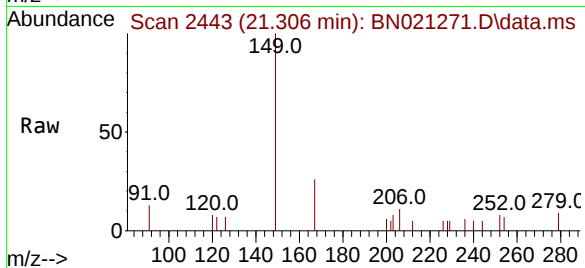
Tgt Ion:244 Resp: 8151
Ion Ratio Lower Upper
244 100
212 10.0 8.3 12.5
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.306 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

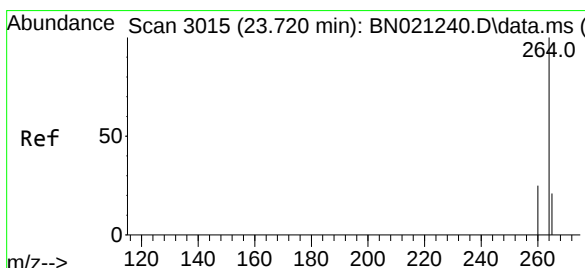
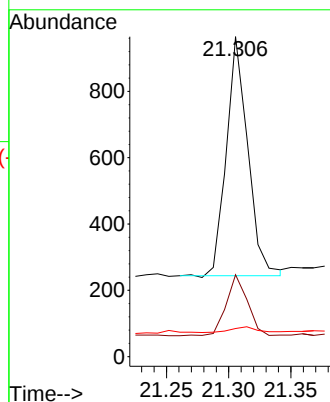
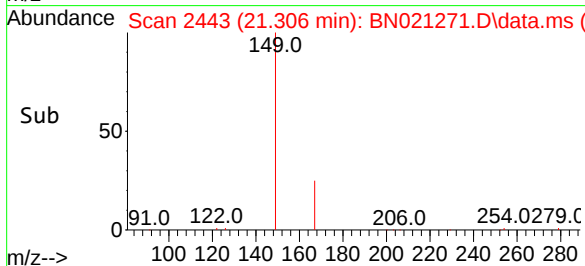
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810



Tgt Ion:149 Resp: 86
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.6 31.0
 279 2.8 2.4 3.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/17/2022
 Supervised By :Jagrut Upadhyay 08/17/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.726 min Scan# 3017
 Delta R.T. 0.006 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

Tgt Ion:264 Resp: 5228
 Ion Ratio Lower Upper
 264 100
 260 28.8 21.4 32.2
 265 45.9 34.3 51.5

