

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031468.D
 Acq On : 10 May 2024 18:04
 Operator : MA/JU
 Sample : P2316-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TEST-3-T8

Quant Time: May 10 18:31:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12773	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	40265	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	23814	0.400	ng	-0.01
19) Phenanthrene-d10	17.091	188	54023	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	45660	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	45254	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	3690	0.102	ng	0.00
5) Phenol-d6	6.873	99	3029	0.062	ng	0.00
8) Nitrobenzene-d5	8.862	82	7835m	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	16435	0.253	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	2020	0.224	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	24535	0.267	ng	-0.01
27) Fluoranthene-d10	19.119	212	40513	0.270	ng	0.00
31) Terphenyl-d14	19.727	244	29707	0.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	2124	0.135	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.211	149	10181	0.099	ng	98

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

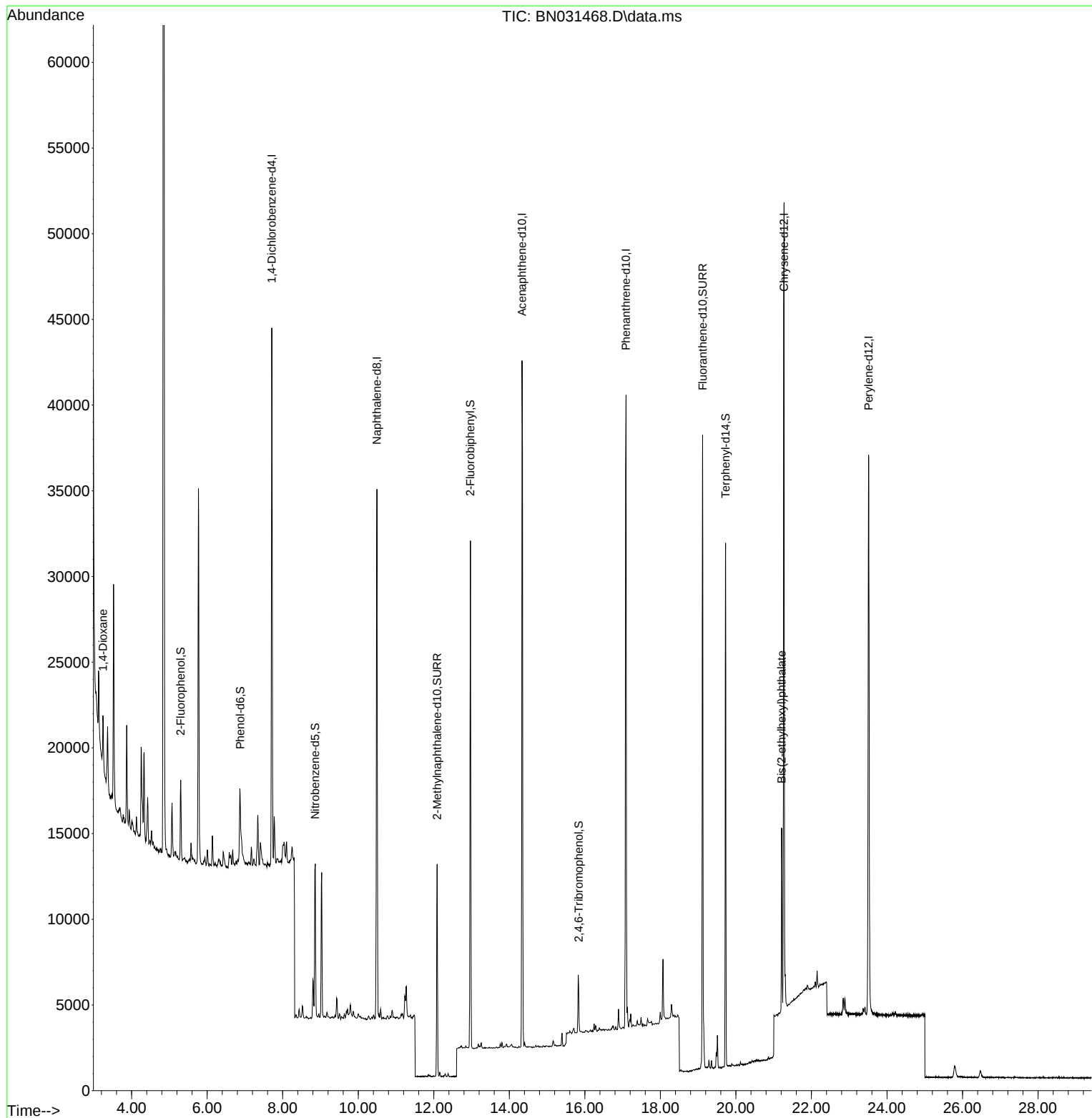
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031468.D
Acq On : 10 May 2024 18:04
Operator : MA/JU
Sample : P2316-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST-3-T8

Quant Time: May 10 18:31:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
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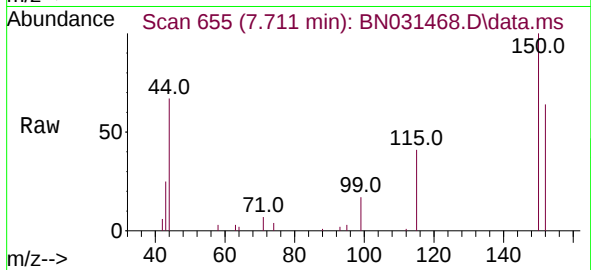
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

Instrument :

BNA_N

ClientSampleId :

TEST-3-T8



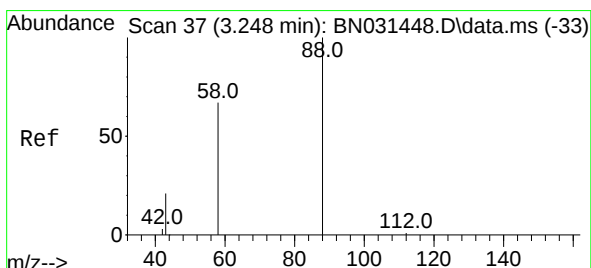
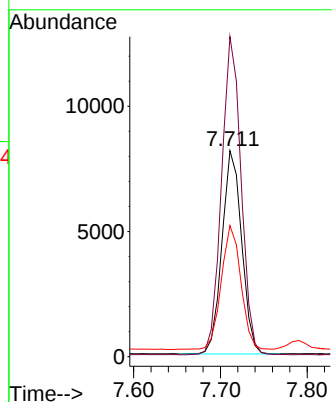
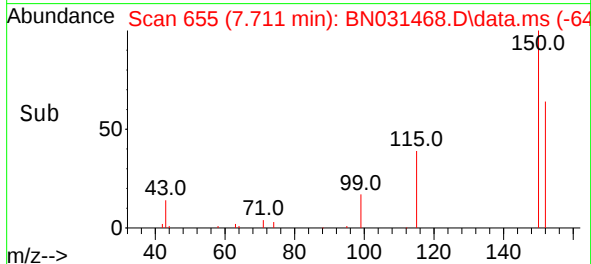
Tgt Ion:152 Resp: 1277
Ion Ratio Lower Upper
152 100
150 155.4 119.3 178.9
115 63.6 54.8 82.2

Manual Integrations

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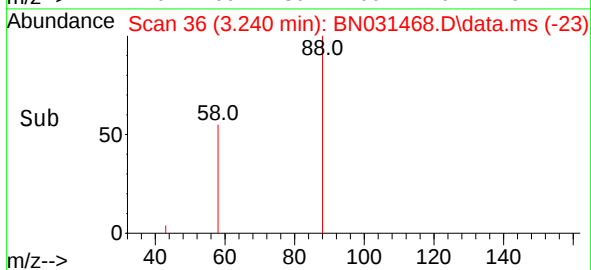
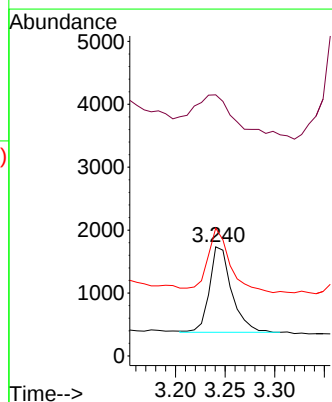
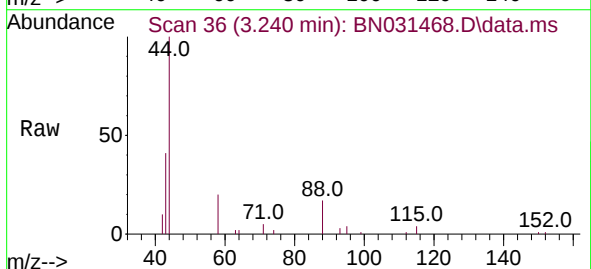
Reviewed By :Yogesh Patel 05/13/2024

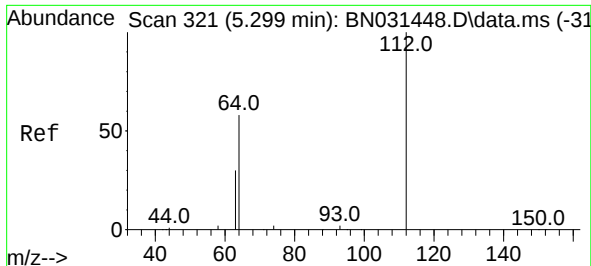
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 0.135 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.007 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

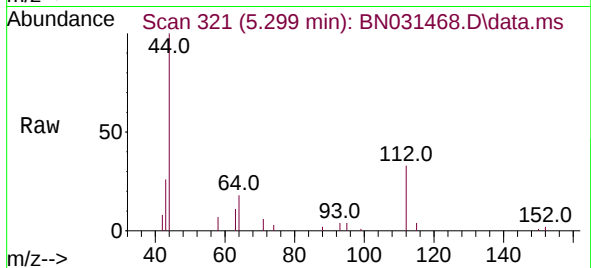
Tgt Ion: 88 Resp: 2124
Ion Ratio Lower Upper
88 100
43 84.4 39.0 58.6#
58 74.8 54.9 82.3





#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

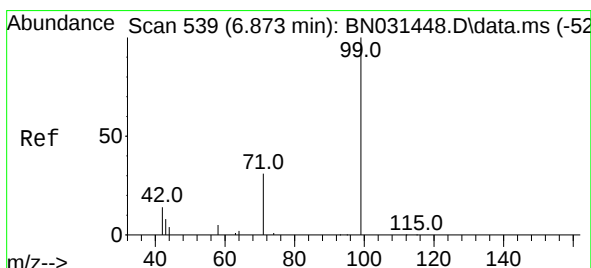
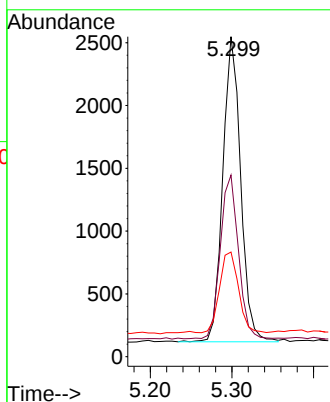
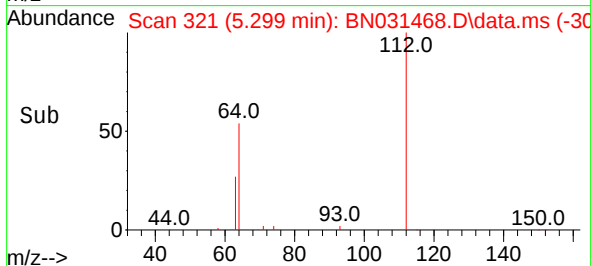
Instrument :
BNA_N
ClientSampleId :
TEST-3-T8



Tgt Ion:112 Resp: 3690
Ion Ratio Lower Upper
112 100
64 54.3 44.0 66.0
63 28.2 22.2 33.4

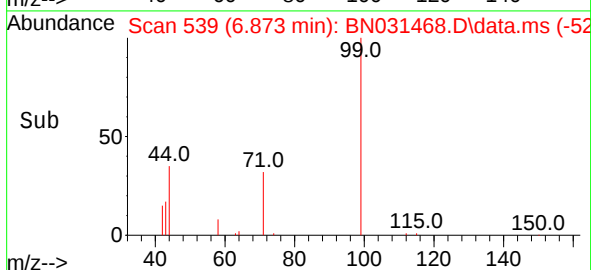
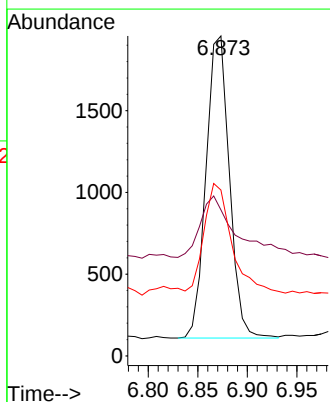
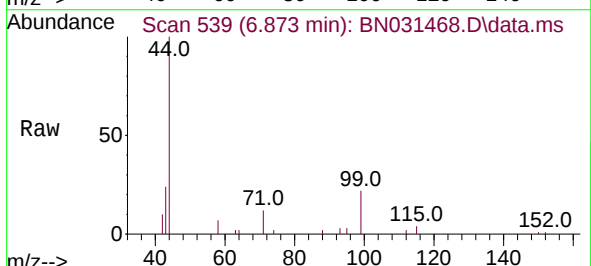
Manual Integrations
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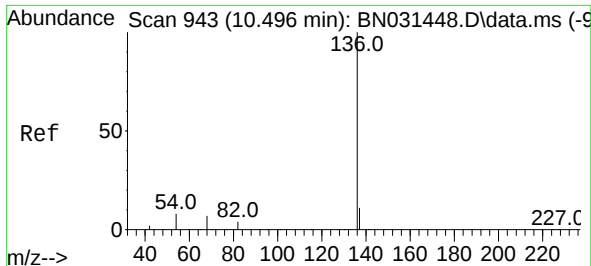
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.873 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

Tgt Ion: 99 Resp: 3029
Ion Ratio Lower Upper
99 100
42 31.1 13.5 20.3#
71 43.5 26.1 39.1#





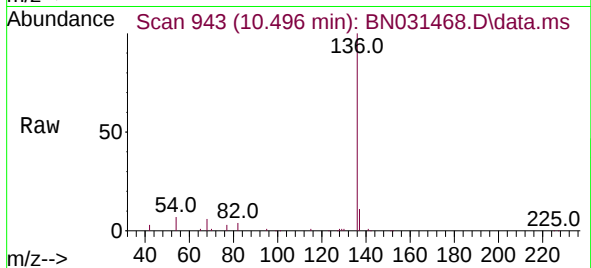
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

Instrument :

BNA_N

ClientSampleId :

TEST-3-T8



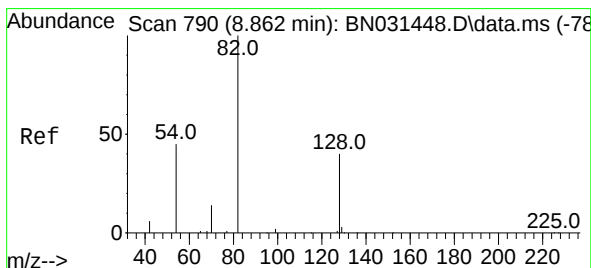
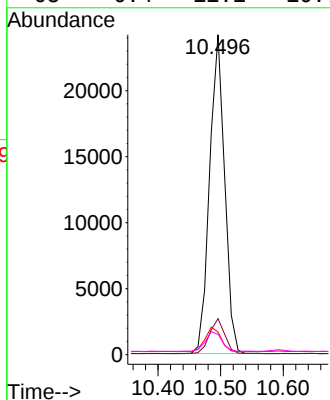
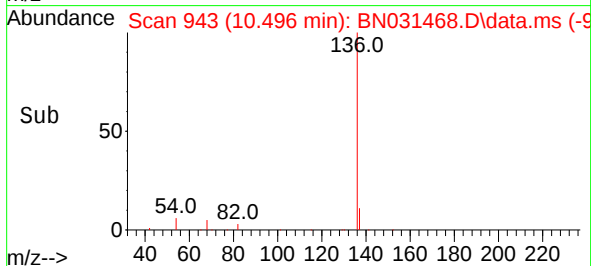
Tgt Ion: 136 Resp: 40265
Ion Ratio Lower Upper
136 100
137 11.3 10.1 15.1
54 7.1 10.5 15.7
68 6.4 11.1 16.7#

Manual Integrations

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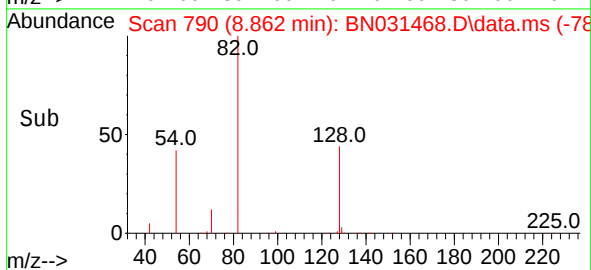
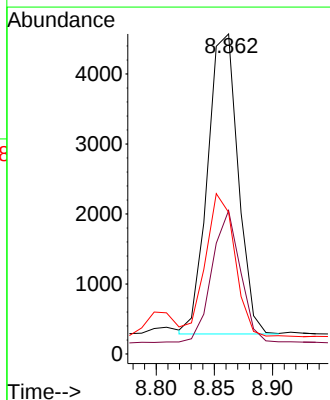
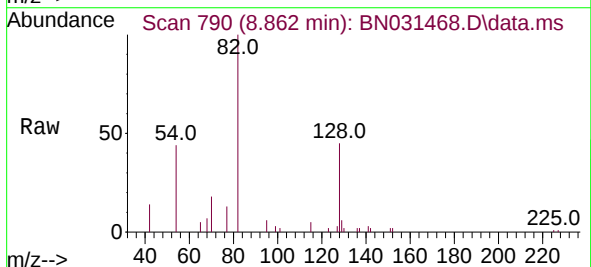
Reviewed By :Yogesh Patel 05/13/2024

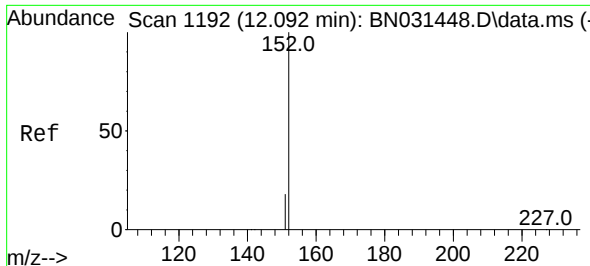
Supervised By :mohammad ahmed 05/13/2024



#8
Nitrobenzene-d5
Concen: 0.271 ng m
RT: 8.862 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

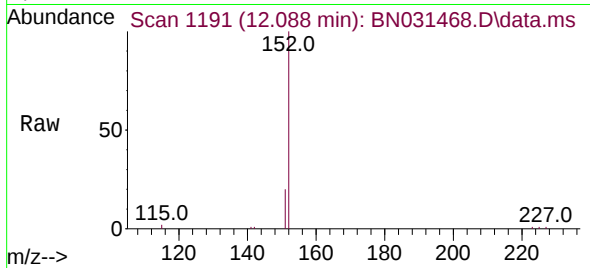
Tgt Ion: 82 Resp: 7835
Ion Ratio Lower Upper
82 100
128 44.8 29.0 43.6#
54 44.3 37.2 55.8





#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

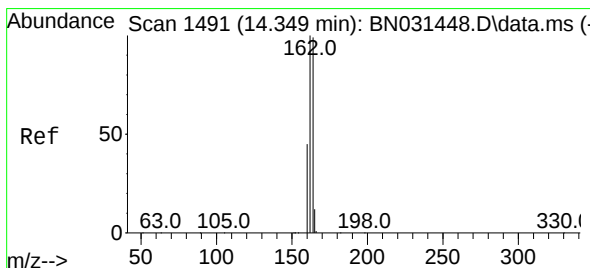
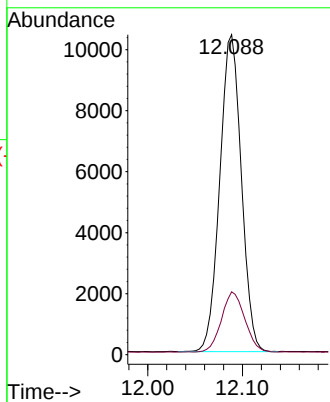
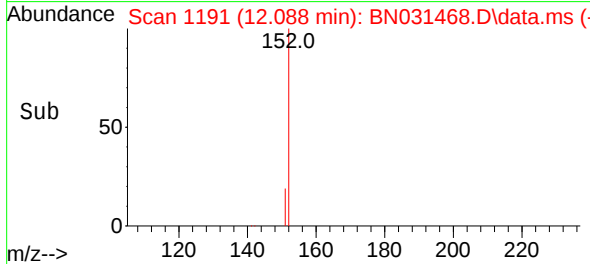
Instrument :
BNA_N
ClientSampleId :
TEST-3-T8



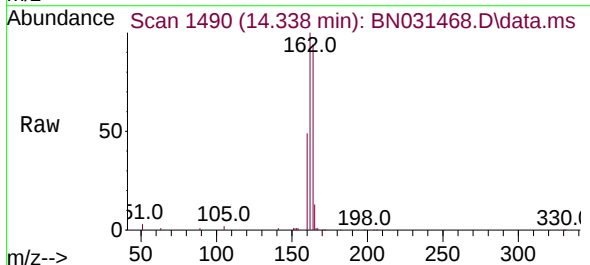
Tgt Ion:152 Resp: 16439
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

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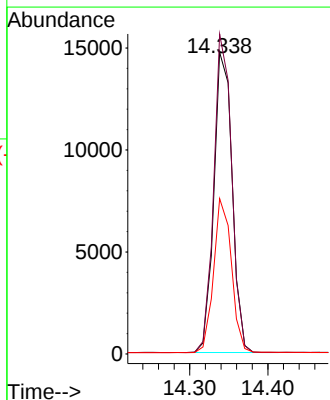
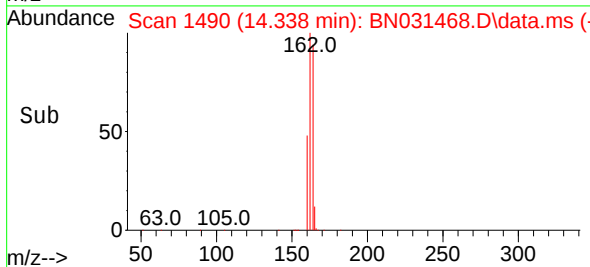
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

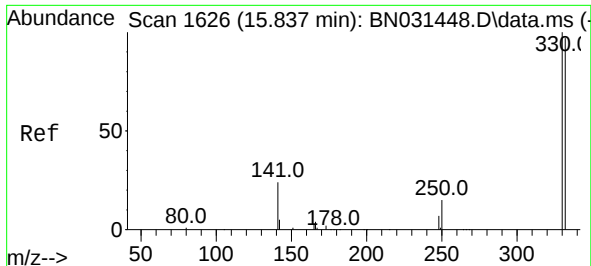


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04



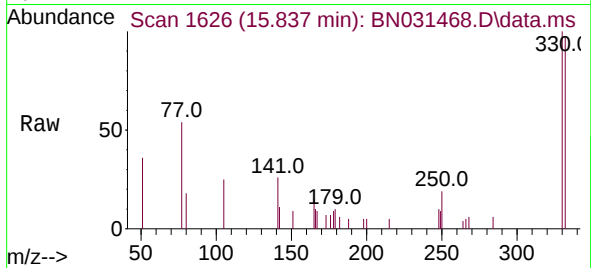
Tgt Ion:164 Resp: 23814
Ion Ratio Lower Upper
164 100
162 106.1 81.2 121.8
160 51.5 37.0 55.6





#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

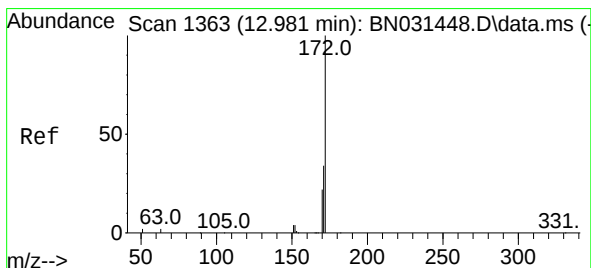
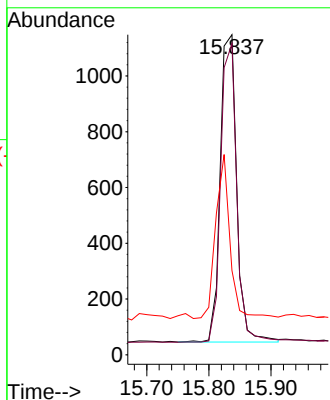
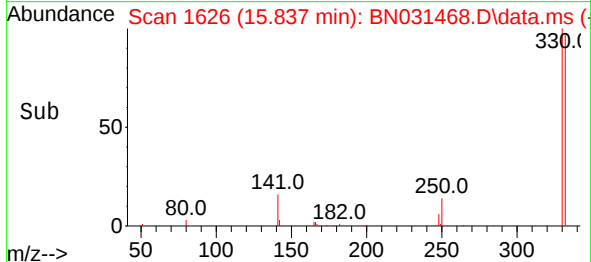
Instrument :
BNA_N
ClientSampleId :
TEST-3-T8



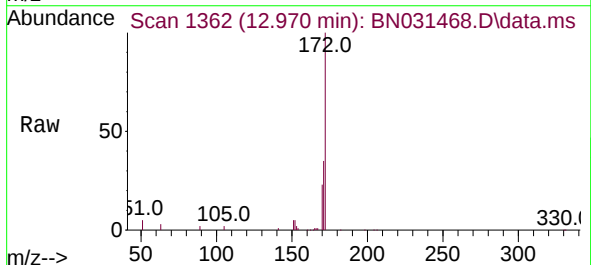
Tgt Ion:330 Resp: 2020
Ion Ratio Lower Upper
330 100
332 94.6 76.6 114.8
141 46.6 37.0 55.4

Manual Integrations
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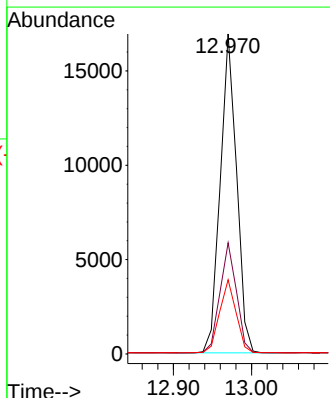
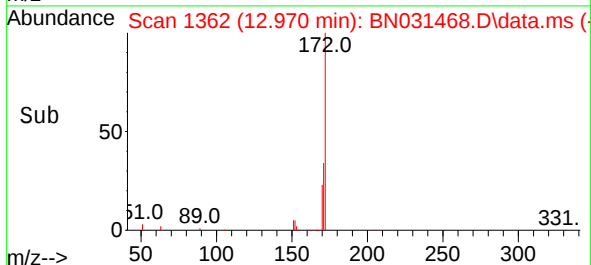
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

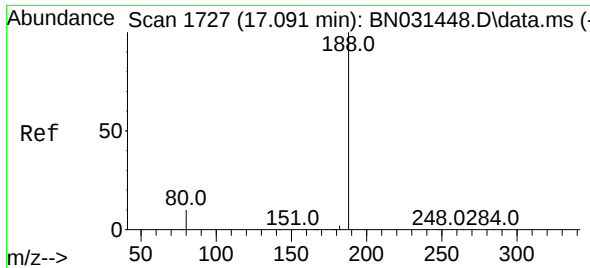


#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.970 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04



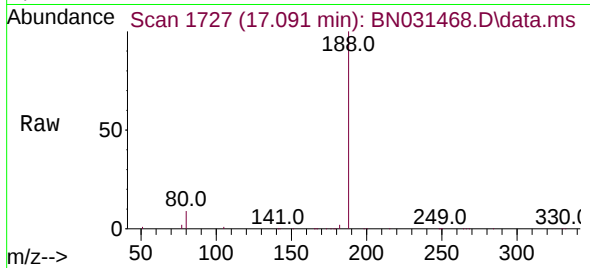
Tgt Ion:172 Resp: 24535
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.2 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

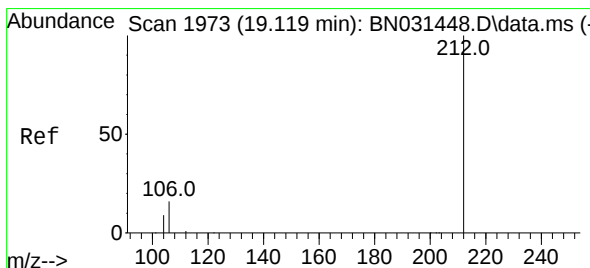
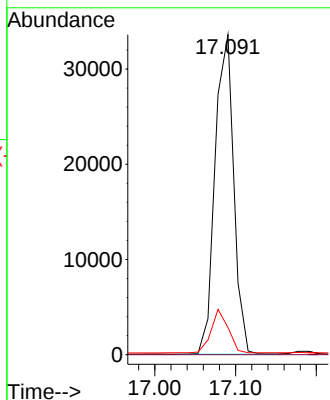
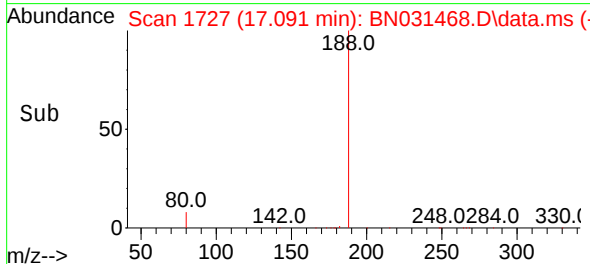
Instrument :
BNA_N
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TEST-3-T8



Tgt Ion:188 Resp: 54023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 9.6 14.4

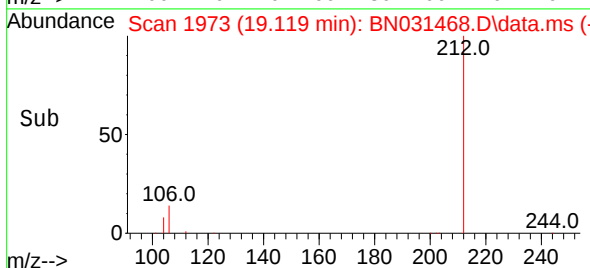
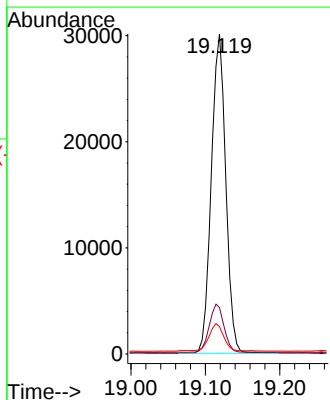
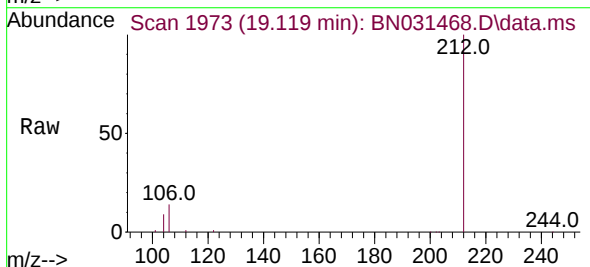
Manual Integrations
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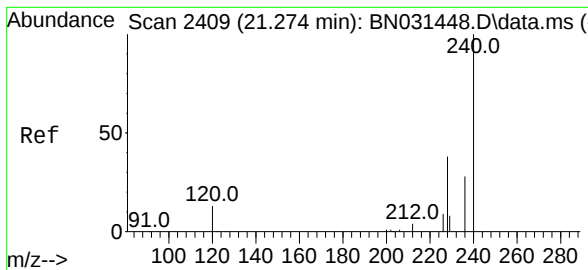
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.119 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

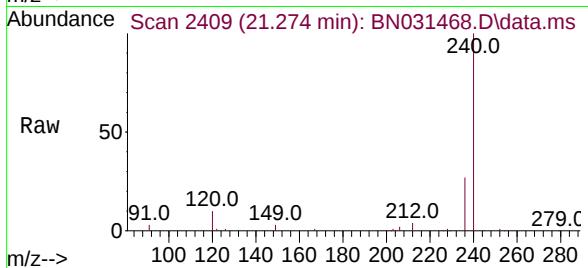
Tgt Ion:212 Resp: 40513
Ion Ratio Lower Upper
212 100
106 15.2 12.0 18.0
104 8.5 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

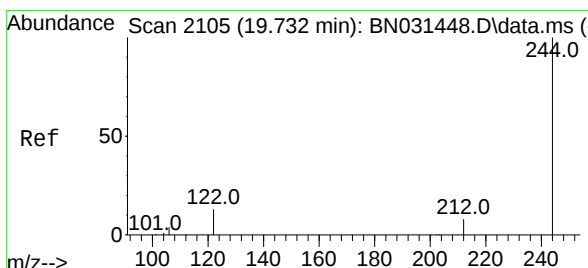
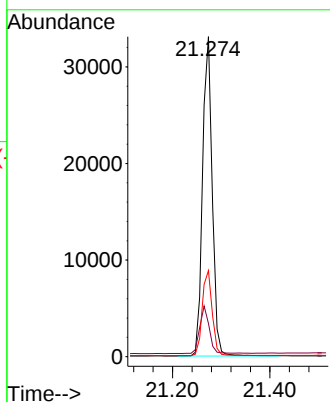
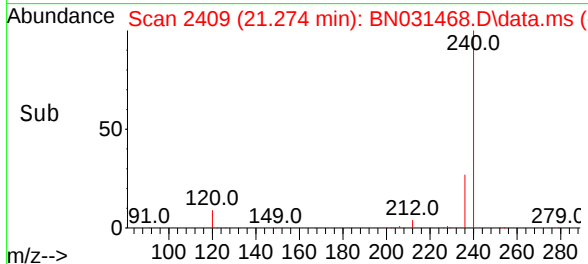
Instrument :
BNA_N
ClientSampleId :
TEST-3-T8



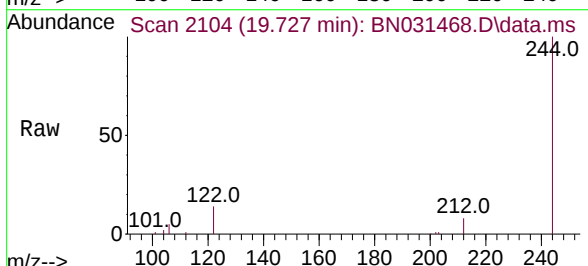
Tgt Ion:240 Resp: 45660
Ion Ratio Lower Upper
240 100
120 10.4 11.4 17.2
236 26.9 22.2 33.4

Manual Integrations
APPROVED

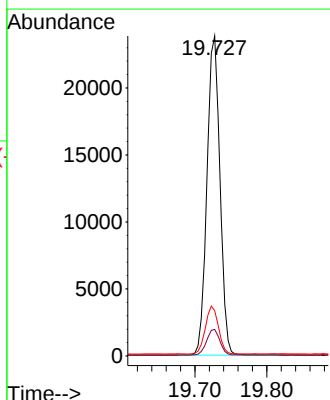
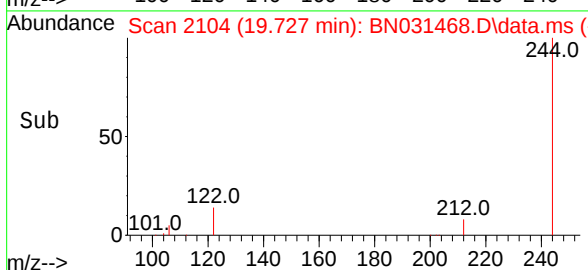
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

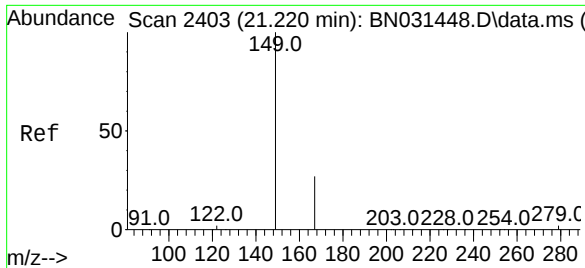


#31
Terphenyl-d14
Concen: 0.266 ng
RT: 19.727 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04



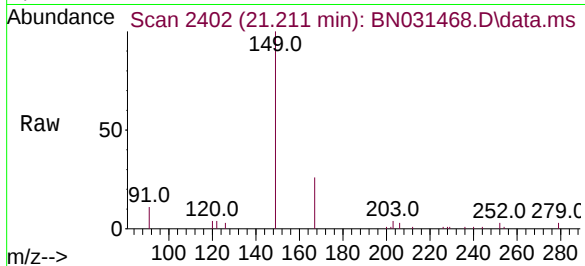
Tgt Ion:244 Resp: 29707
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 14.2 11.4 17.2





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

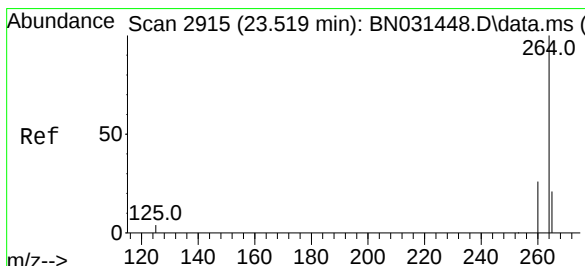
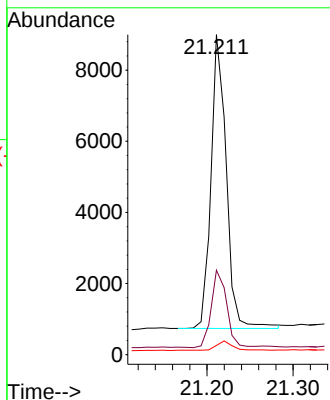
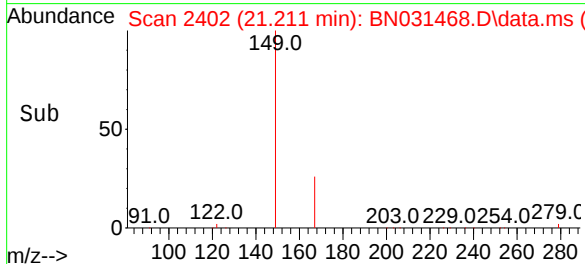
Instrument :
BNA_N
ClientSampleId :
TEST-3-T8



Tgt Ion:149 Resp: 1018
Ion Ratio Lower Upper
149 100
167 26.2 22.1 33.1
279 3.7 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2913
Delta R.T. -0.006 min
Lab File: BN031468.D
Acq: 10 May 2024 18:04

Tgt Ion:264 Resp: 45254
Ion Ratio Lower Upper
264 100
260 25.4 20.6 31.0
265 32.7 24.0 36.0

