

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022936.D
 Acq On : 29 Nov 2022 03:58
 Operator : CG/JU
 Sample : N5672-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20221116

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 29 05:24:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 05:14:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7191	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	19247	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9737	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	19649	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	11284	0.400	ng	# 0.00
35) Perylene-d12	24.115	264	7585	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	2307	0.123	ng	0.00
5) Phenol-d6	7.212	99	1786	0.075	ng	0.00
8) Nitrobenzene-d5	9.228	82	4996m	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.469	152	13440	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	734	0.156	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	16534	0.371	ng	0.00
27) Fluoranthene-d10	19.473	212	17669	0.331	ng	0.00
31) Terphenyl-d14	20.067	244	12000	0.453	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	3833	0.420	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.535	149	706	0.039	ng	99

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

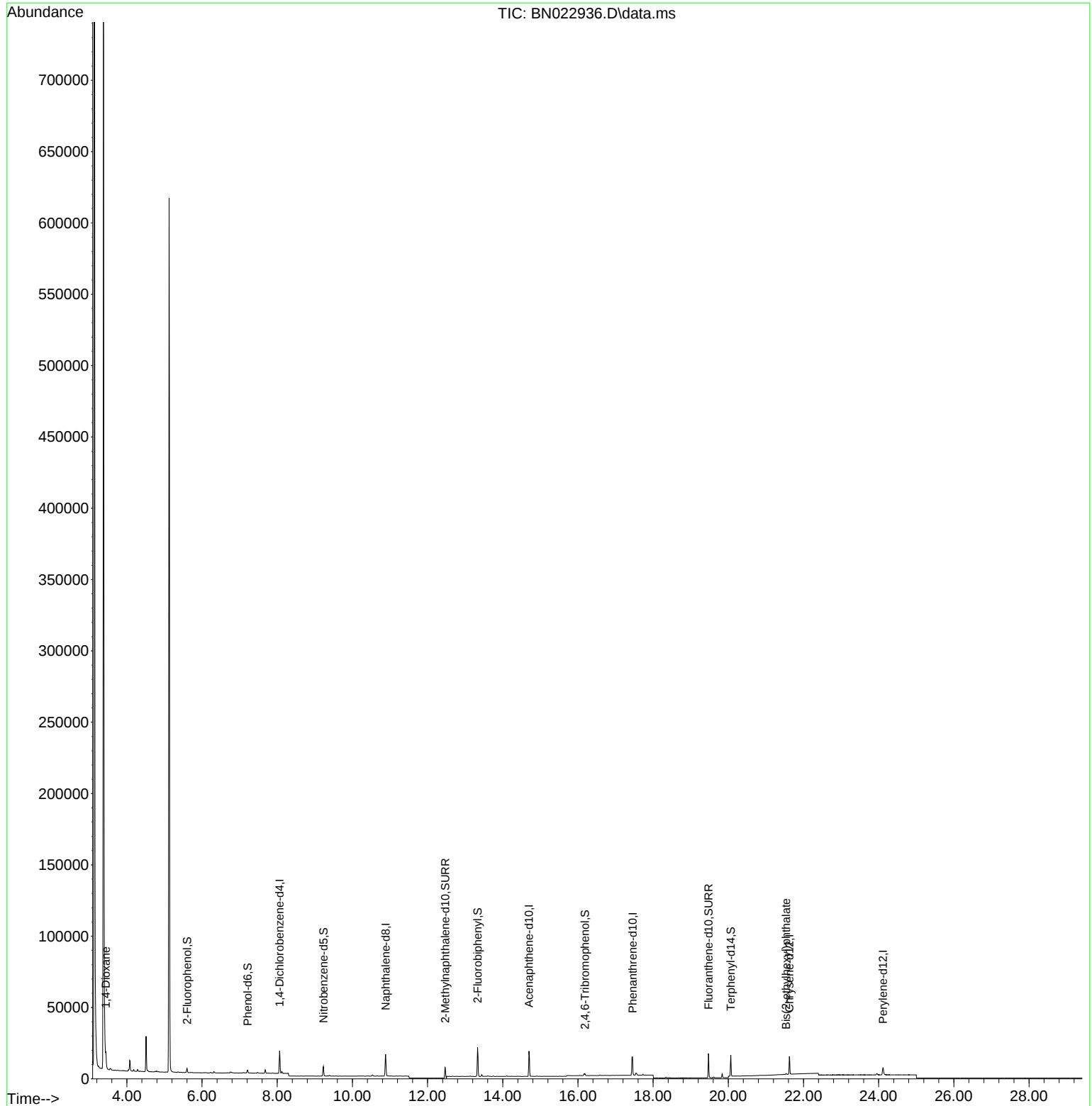
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
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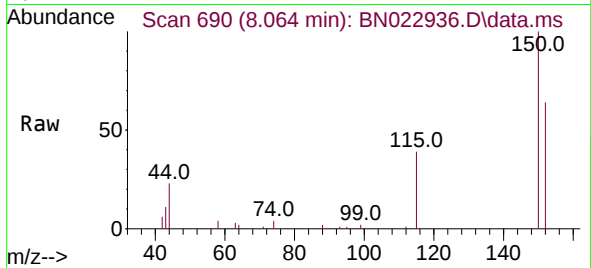
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: BN022936.D
 Acq: 29 Nov 2022 03:58

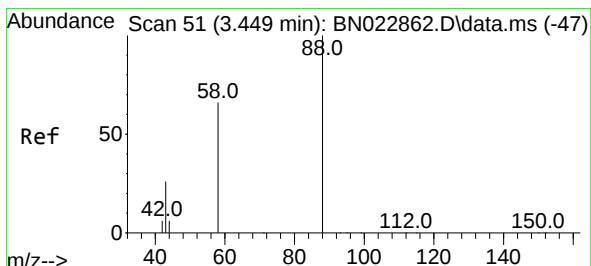
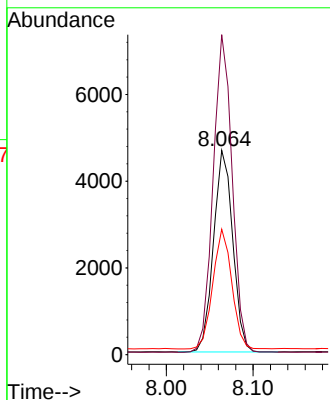
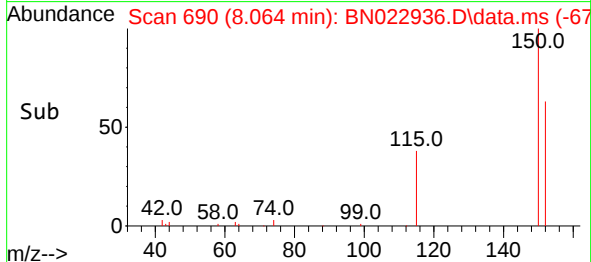
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20221116



Tgt Ion: 152 Resp: 719
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.2 181.8
 115 61.4 46.2 69.4

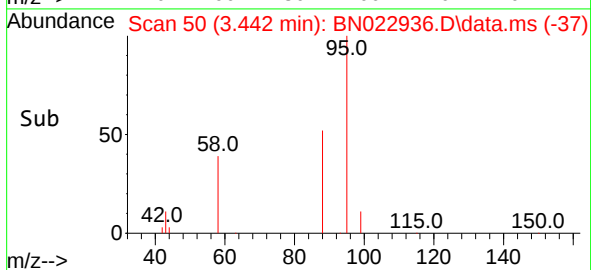
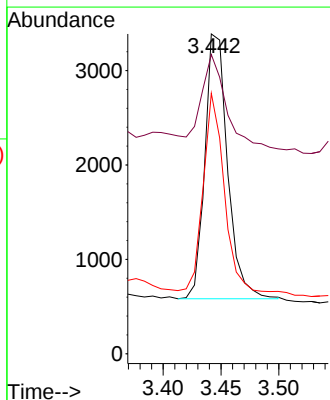
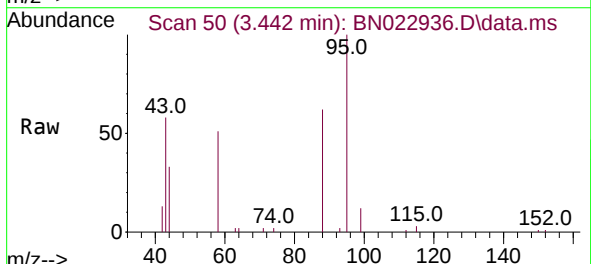
Manual Integrations
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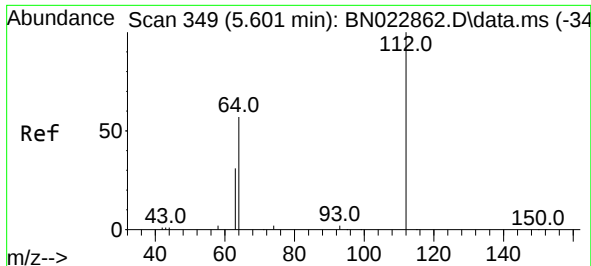
Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : mohammad ahmed 12/01/2022



#2
 1,4-Dioxane
 Concen: 0.420 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN022936.D
 Acq: 29 Nov 2022 03:58

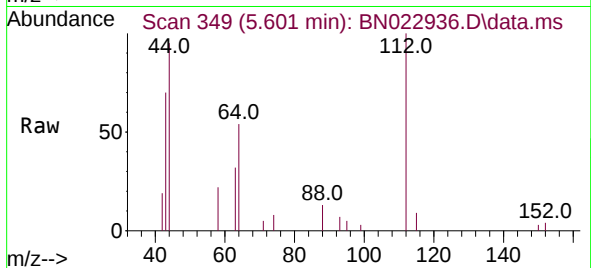
Tgt Ion: 88 Resp: 3833
 Ion Ratio Lower Upper
 88 100
 43 38.5 25.4 38.2
 58 68.0 56.5 84.7





#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.601 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

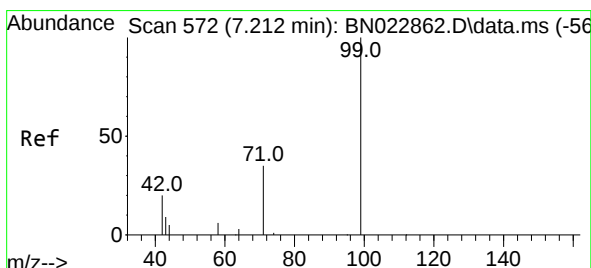
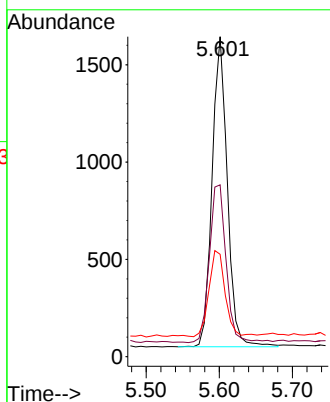
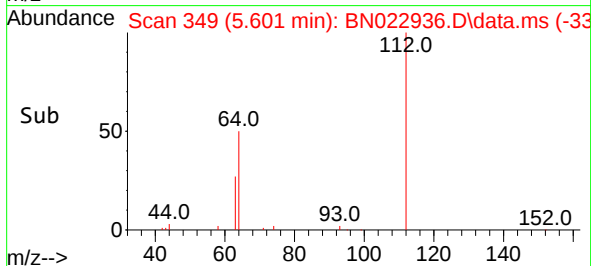
Instrument :
BNA_N
ClientSampleId :
RE103D2-20221116



Tgt Ion: 112 Resp: 2307
Ion Ratio Lower Upper
112 100
64 56.2 43.4 65.2
63 29.3 23.4 35.2

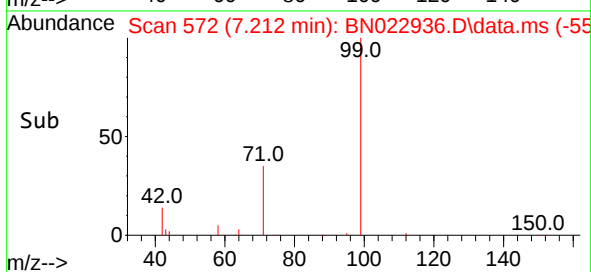
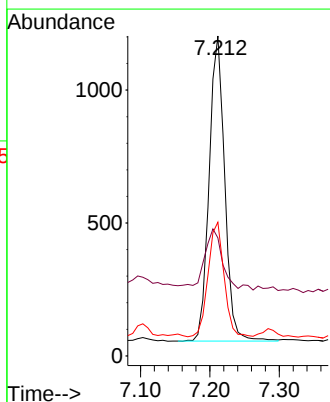
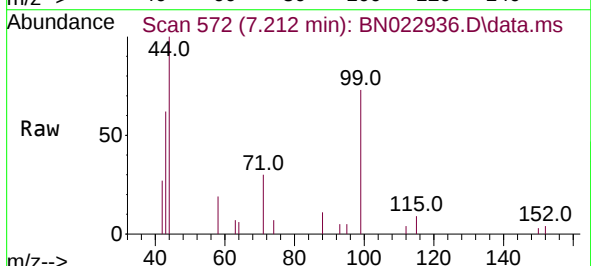
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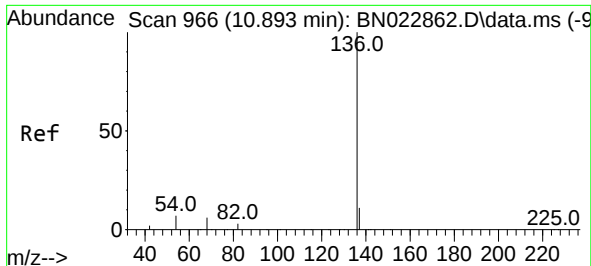
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022



#5
Phenol-d6
Concen: 0.075 ng
RT: 7.212 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

Tgt Ion: 99 Resp: 1786
Ion Ratio Lower Upper
99 100
42 22.7 16.0 24.0
71 38.6 26.8 40.2





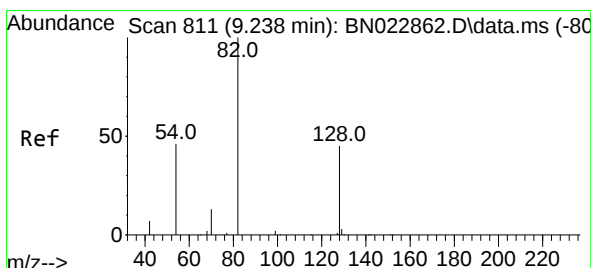
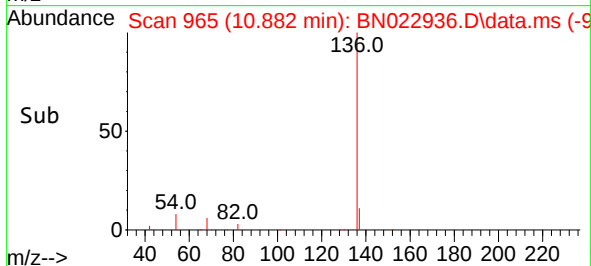
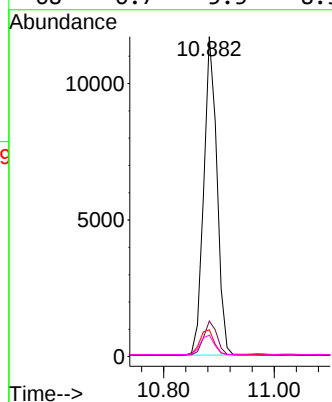
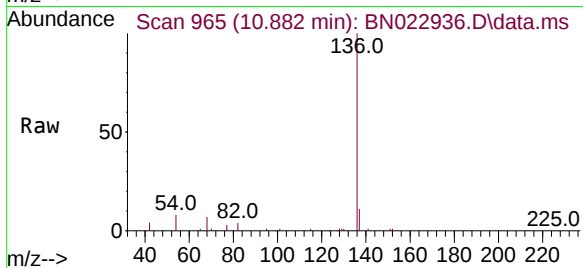
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

Instrument :
BNA_N
ClientSampleId :
RE103D2-20221116

Tgt Ion:	136	Resp:	1924
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.4	6.6	9.8
68	6.7	5.5	8.3

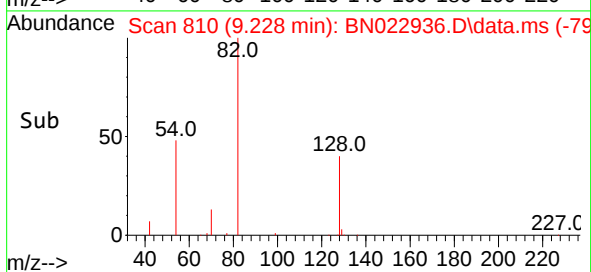
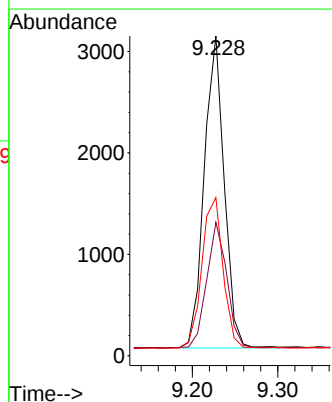
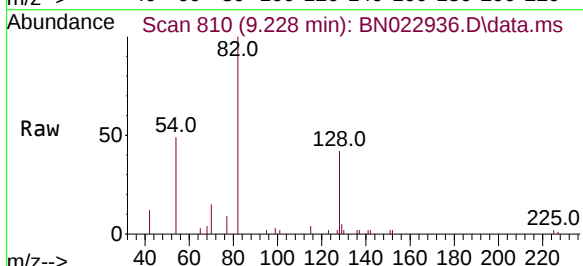
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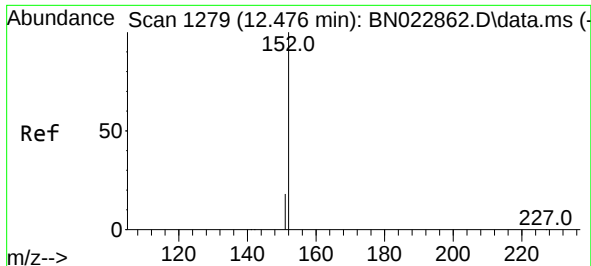
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022



#8
Nitrobenzene-d5
Concen: 0.334 ng m
RT: 9.228 min Scan# 810
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

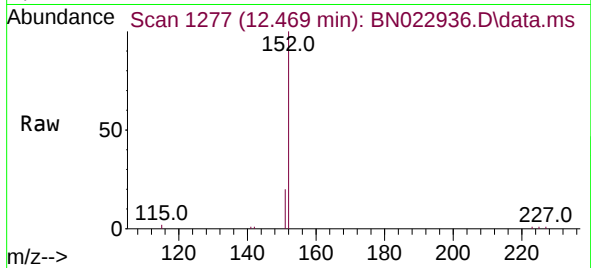
Tgt Ion:	82	Resp:	4996
Ion Ratio	Lower	Upper	
82	100		
128	41.7	36.6	54.8
54	49.5	38.5	57.7





#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

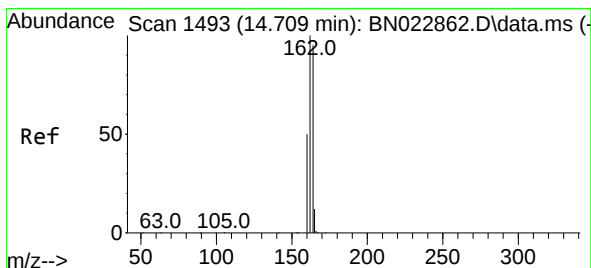
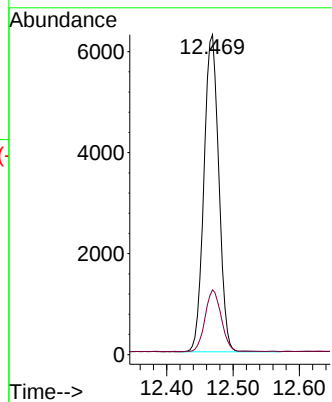
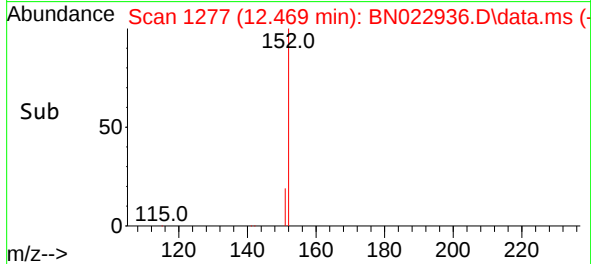
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ClientSampleId :
RE103D2-20221116



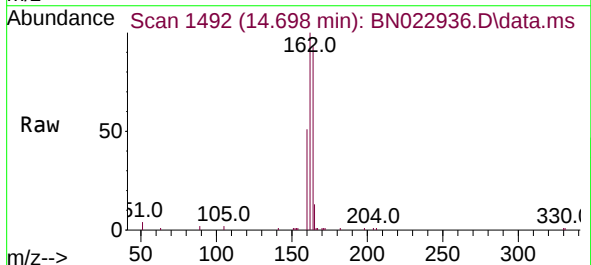
Tgt Ion:152 Resp: 13440
Ion Ratio Lower Upper
152 100
151 19.8 18.6 27.8

Manual Integrations
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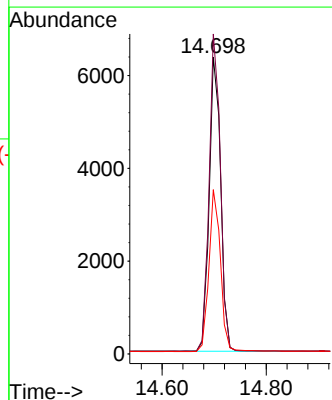
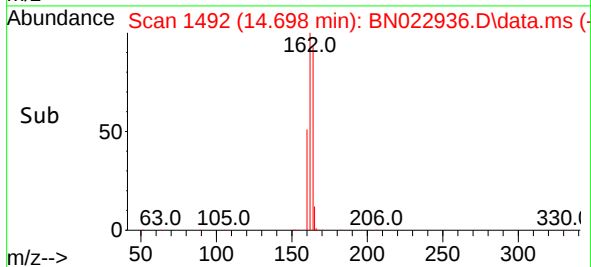
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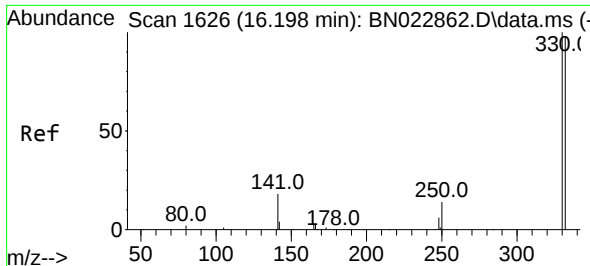


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58



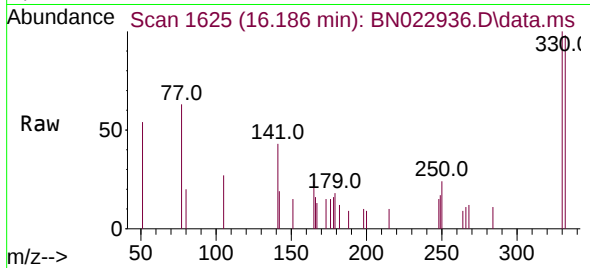
Tgt Ion:164 Resp: 9737
Ion Ratio Lower Upper
164 100
162 107.8 84.2 126.4
160 55.3 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 16.186 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

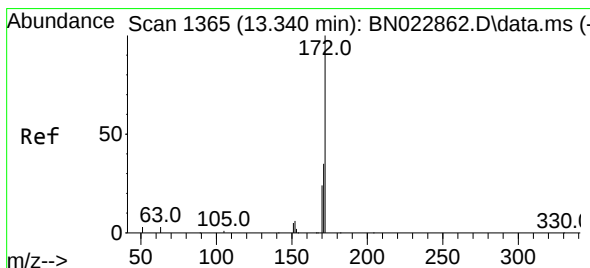
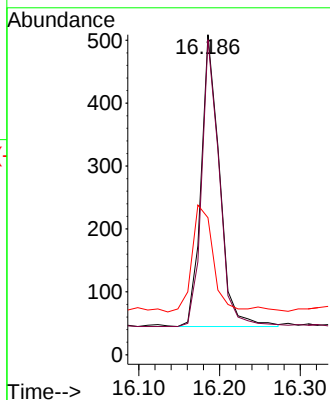
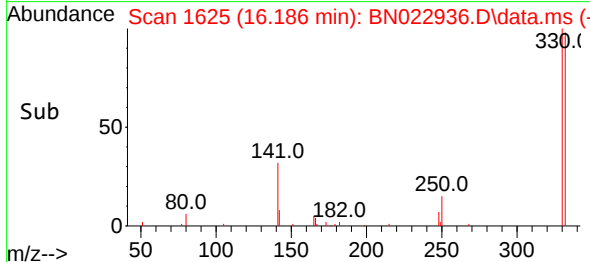
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ClientSampleId :
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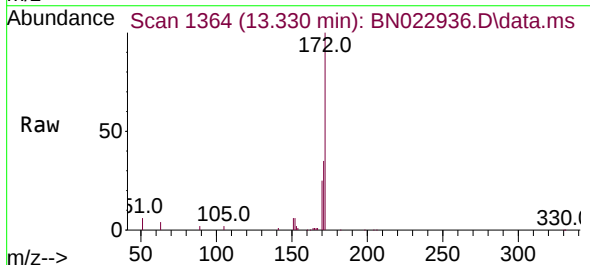
Tgt Ion: 330 Resp: 734
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 42.0 32.6 48.8

Manual Integrations
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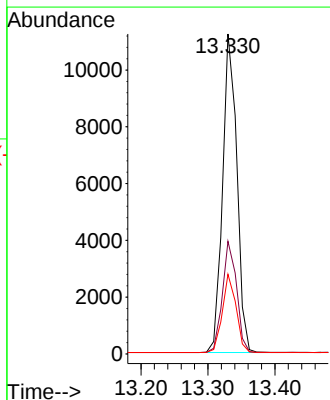
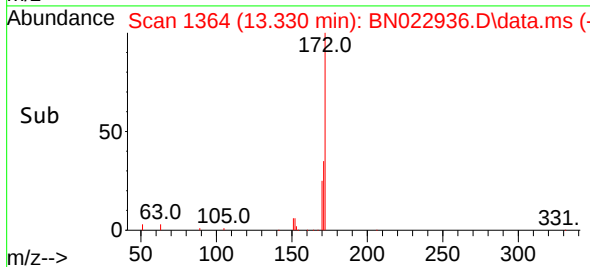
Reviewed By : Christian Giraldo 11/29/2022
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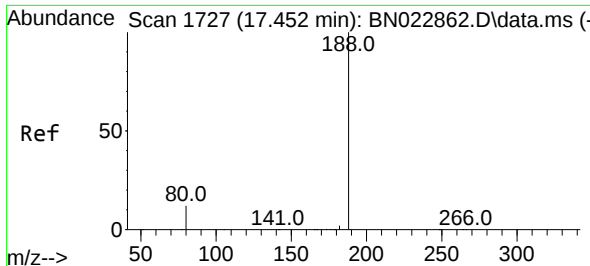


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.330 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58



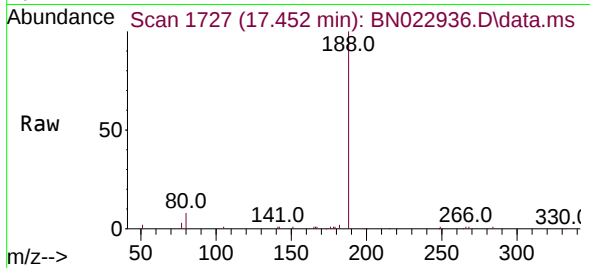
Tgt Ion: 172 Resp: 16534
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 24.9 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

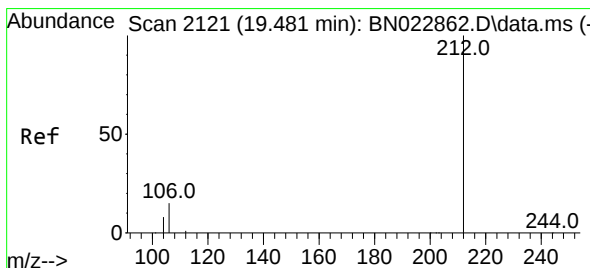
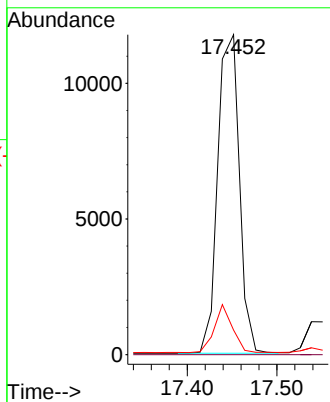
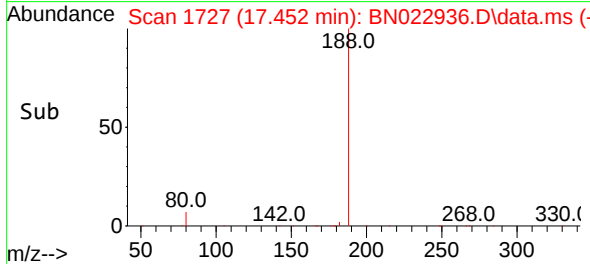
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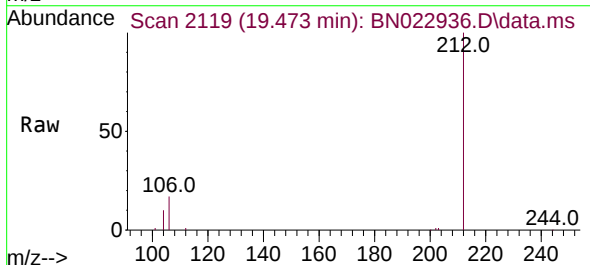
Tgt Ion:188 Resp: 19649
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 10.3 15.5

Manual Integrations
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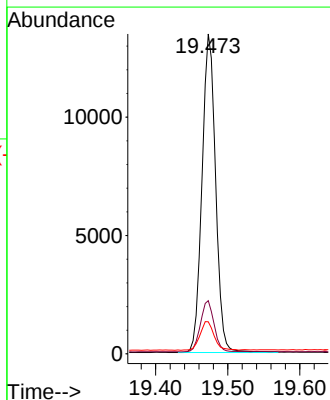
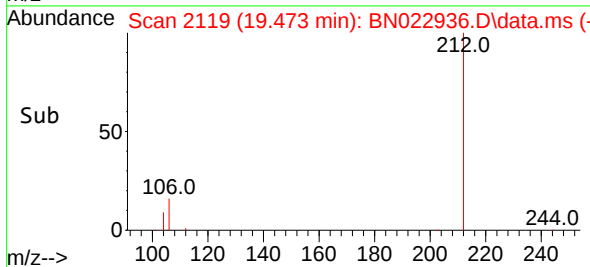
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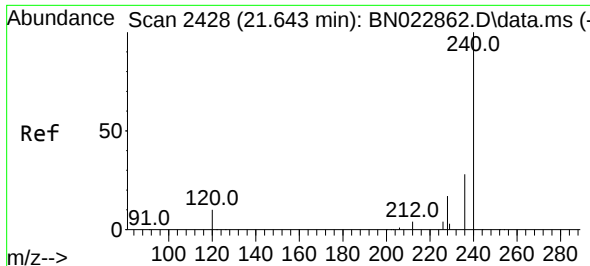


#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.473 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58



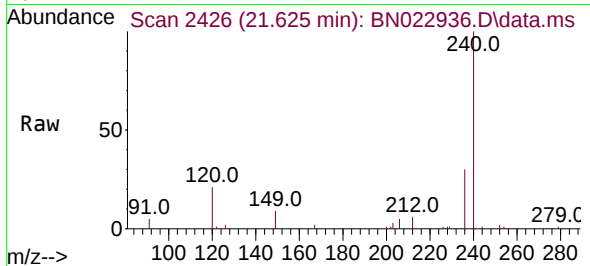
Tgt Ion:212 Resp: 17669
Ion Ratio Lower Upper
212 100
106 16.1 12.3 18.5
104 9.4 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

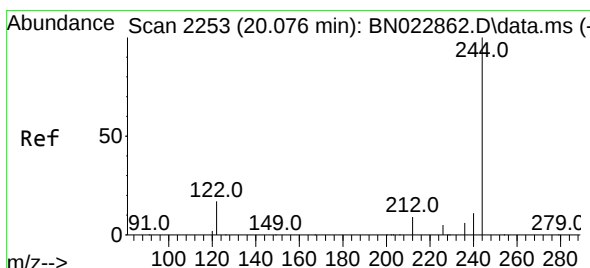
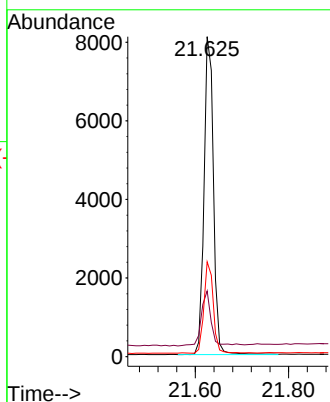
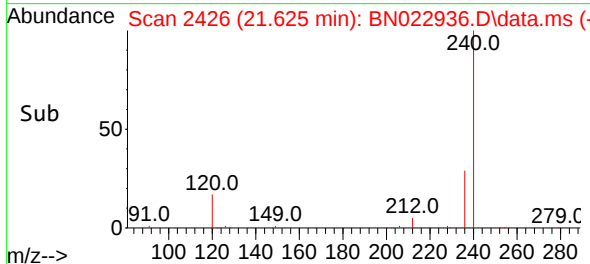
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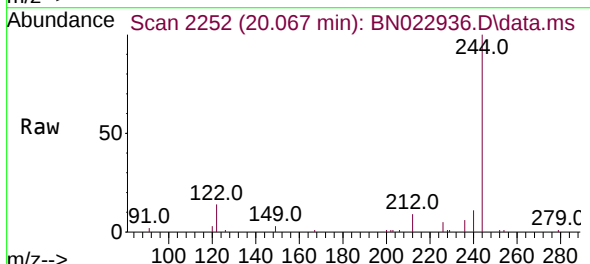
Tgt Ion:240 Resp: 11284
Ion Ratio Lower Upper
240 100
120 20.5 9.2 13.8
236 29.6 22.6 34.0

Manual Integrations
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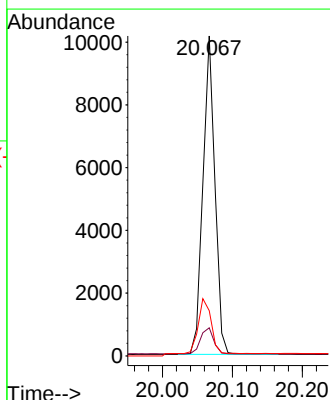
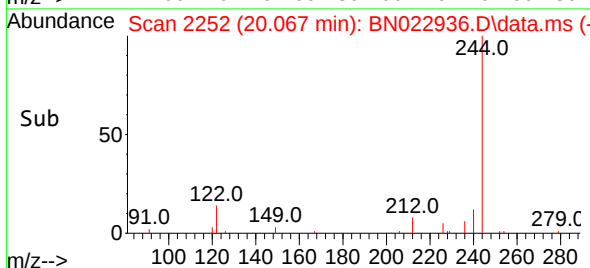
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022

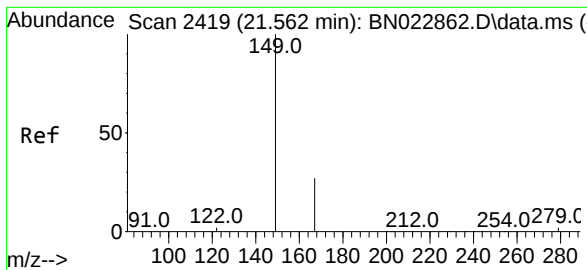


#31
Terphenyl-d14
Concen: 0.453 ng
RT: 20.067 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58



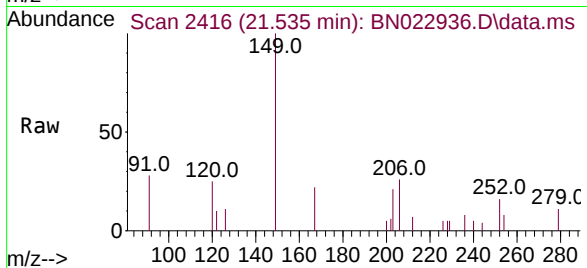
Tgt Ion:244 Resp: 12000
Ion Ratio Lower Upper
244 100
212 8.8 7.9 11.9
122 14.1 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

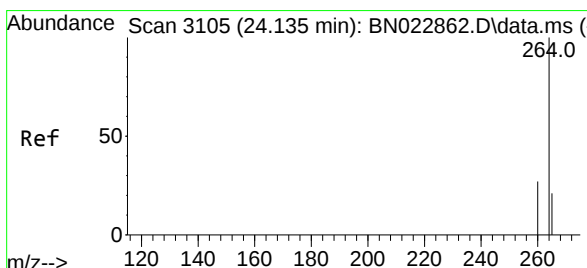
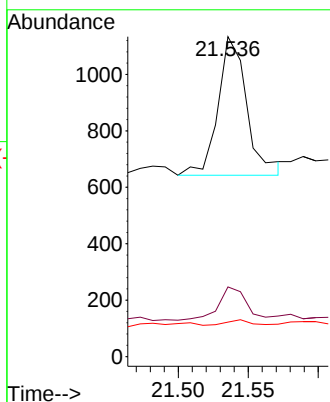
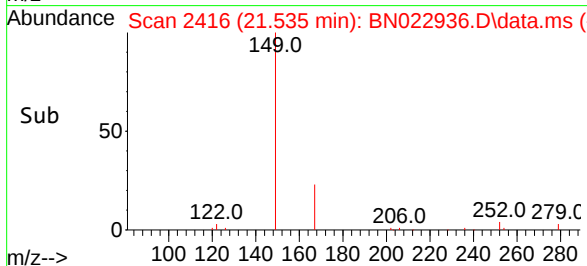
Instrument :
BNA_N
ClientSampleId :
RE103D2-20221116



Tgt Ion:149 Resp: 700
Ion Ratio Lower Upper
149 100
167 26.1 21.3 31.9
279 3.3 2.3 3.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :mohammad ahmed 12/01/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.115 min Scan# 3098
Delta R.T. -0.009 min
Lab File: BN022936.D
Acq: 29 Nov 2022 03:58

Tgt Ion:264 Resp: 7585
Ion Ratio Lower Upper
264 100
260 28.7 21.7 32.5
265 70.5 31.0 46.4#

